



# ***NEO RHIO***

Northeast Ohio Regional Health Information Organization



**OneCommunity  
Northeast Ohio Regional Health Information  
Organization**

**Federal Communications Commission  
Rural Health Care Pilot Program**

**Annual Data Report – June 30, 2015**

**September 30, 2015**

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## **Annual Report – June 30, 2015**

### **1.0 Project Contact and Coordination Information**

#### **1.1 Project Leader**

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#### **1.2 Project Coordinator**

**Ms. Marlene Piatak**  
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#### **1.3 Legal and Financial Agent**

OneCommunity is the organization that is legally and financially responsible for the conduct of activities supported by the award and is listed on the Internet at [www.onecommunity.org](http://www.onecommunity.org).

OneCommunity is a nonprofit organization that serves Northeast Ohio by connecting public and nonprofit institutions to a next-generation fiber-optic network; enabling those institutions to offer enhanced, innovative solutions and transforming the region's image and economic future by attracting outside investment and creating business and job opportunities.

OneCommunity currently serves educational, governmental, research, arts and cultural, nonprofit and health care organizations across Northeast Ohio. OneCommunity currently provides network connections that provide access to these regional assets. The OneCommunity network is supported 24/7.

## 1.4 Community Support Collaboration

The OneCommunity and the Northeast Ohio Regional Health Information Organization (NEO RHIO) is providing community support and open HealthNet workshops for the regions healthcare community and will be hosting additional Telemedicine activities promoting collaboration. OneCommunity and NEO RHIO are both non-profit corporations serving Northeast Ohio. They are inclusive, multi-stakeholder collaborations dedicated to improving the quality, safety and efficiency of healthcare in Northeast Ohio through the use of information technology and the secure exchange of health information and incorporation of Telemedicine in our regional rural and urban healthcare systems.

Throughout this project, healthcare stakeholders, directly and indirectly affiliated with this project, receive a quarterly update on project status and programs that have influence on this project.

## 1.5 State and Regional Project Coordination

OneCommunity, NEO RHIO, local, county and state government along with other key medical and technology partners have coordinated this project under the name of **HealthNet**. With OneCommunity and the NEO RHIO as the central drivers, a collaborative outreach program has been designed and implemented and initial workshops have been heralded throughout Northeast Ohio. The outreach program identified key components of the project and presented a detailed overview. Some organizations received one to one presentations. A communications desk has been set up to answer any ongoing questions along with an internal SharePoint site for communication, document repository and document revision control.

### 1.5.1 Outreach Communication Objectives

- Federal Communications Commission - Vision
- Rural Health Care Pilot - Goals
- What Does It Mean For Northeast Ohio?
- HealthNet Overview
- HealthNet Services
- HealthNet Benefits
- Communication with local, regional and state government
- Communication of government stimulus package and benefits for FCC Healthcare project
- Quarterly stakeholders status update

### 1.5.2 Key Objectives Met

- Evaluated 36 vendor proposals
  - Vendor scorecard
  - Followup vendor meetings for response verifications
- Vendors award completed in early June, 2009
- Project moved into vendor kickoff meeting phase
  - Constructed detailed project plan with payment milestones
  - Developed a specific SharePoint site for project and field-based updates
  - Initiate weekly vendor update meetings
  - Customer project books created and distributed
    - Milestone reports
    - Baseline work effort diagrams
    - Sources and uses of funds
    - Procurement model and schedule
    - Invoicing cycle
  - Project moved into execution phase (contractor engagement)
- Enhanced sustainability model

## 2.0 Healthcare Facilities Included in this Network

As the Letters of Agency signature process evolved there were several modifications made to the hospital data in Table 2.1. This was principally in the area of contact names, contact information and the removal of a few hospitals that might participate in a 2<sup>nd</sup> RFP. There were no material changes to the hospital data or impact on the project.

All the hospital organizations that are part of the current HealthNet project are non-profit. There are multiple urban hospitals interested in participating in the HealthNet project. These urban centers are all non-profit. To the best of our knowledge and investigation, all rural organizations should be eligible under section 254 of the 1996 Act and the Commission's rules. The following table gives detail information on the hospitals Counties, addresses, zip code, Rural Urban Commuting Area (R UCA) code, contact information and phone number for each healthcare facility participating in the network. Contact persons may change at any time. We are currently engaged in discussions with other rural non-profit institutions that will participate in leveraging HealthNet. OneCommunity currently has over 72 hospitals, clinic and healthcare service organizations using HealthNet. With the expansion through the FCC RHCP Project, HealthNet will be expanding services to 16 rural Hospitals authorized under the agreement but will also be able to include additional rural health care institutions covering their own costs to connect.

All healthcare facilities in table 2.1 are public, non-profit, eligible entity under section 254 of the 1996 Act.

**Table 2.1 - HealthNet Rural Hospitals – LOA Completed**

System	Census Track	County	Facility Name & Address	RUCA C O D	HPSA	Contact Names	Phone
	<b>9705.00</b>	Ashland	<b>Samaritan Regional Health System</b> 1025 Center Street Ashland, OH 44805	4		Danny Boggs,	419-289-0491
CCHS	<b>0006.01</b>	Ashtabula	<b>Ashtabula County Medical Center</b> 2420 Lake Ave Ashtabula, OH 44004 <b>Glenbeigh of Rock Creek</b> 2420 Lake Ave Ashtabula, OH 44004	2  2	HPSA  HPSA	Kevin Miller,  Kevin Miller, CEO &	440-997-6520  440-997-6520
	<b>0011.00</b>	Ashtabula	<b>Jefferson Health Center</b> 222 East Beech St. Jefferson, Ohio 44047	3		Kevin Miller, CEO &	440-997-6520
UHHS	<b>0001.03</b>	Ashtabula	<b>Conneaut Medical Center</b> 158 West Main Road Conneaut, OH 44030	2	HPSA	Rich Frenchie,	440-593-1131
	<b>0009.00</b>		<b>Geneva Medical Center</b> 870 West Main Street Geneva, OH 44041	4.2	HPSA	Rich Frenchie, CEO	440-593-1131
CHN & CC5	<b>0411.00</b>	Erie	<b>Firelands Regional Medical Center</b> 1101 Decatur St. Sandusky, Ohio 44870	1		Chuck Stark, Dan Moncher,	419-557-7400 419-557-7793
CHN & CC5	<b>9956.00</b>	Huron	<b>Fisher Titus Medical Center</b> 272 Benedict Ave., Norwalk, OH 44857			Pat Martin, CEO Wendy Melching,	419-668-8101 419-663-1975
CC5	<b>0505.00</b>	Ottawa	<b>H.B. Magruder Memorial Hospital</b> 615 Fulton Street, Port Clinton, OH 43452	4	<b>45780</b>	Dave Norwyne,	419-557-7793
CC5	<b>9622.00</b>	Sandusky MUA	<b>Bellevue</b> 811 NW St. Bellevue, Ohio 44811	7.3	HPSA	Mike Winthrop, Alan Ganci, CFO	419-557-7400 419-5577793
CC5	<b>9613.00</b>		<b>Memorial (Fremont)</b> 715 S. Taft Ave Fremont, OH 43420	4.2	HPSA	Al Gorman, CEO Rick Ruppel,	419-668-8101 419-663-1975
	<b>0216.00</b>	Tuscarawas MUA	<b>Twin City</b> 819 N. First Street Dennison, OH 44621	4	HPSA	Marge Jentes,	740-922-2800
	<b>0211.00</b>		<b>Union Hospital</b> 659 Boulevard Dover, OH 44622	4	HPSA	Bill Harding,	330-343-3311

System	Census Track Code	County	Facility Name & Address	RUCA C O D E	HPSA	Contact Names	Phone
	0003.00		<b>Wooster Community</b> 1761 Beall Ave.	4		Bill Sheron, CEO	330-263-8100
			Wooster, Ohio 44691				
	9917.00	Coshocton	<b>Coshocton County Memorial Hospital</b> 1460 Orange Street Coshocton, OH 43812	4		Seth Peterson	740-623-4128
	9767.00	Holmes MUA	<b>Joel Pomerene Memorial Hospital</b> 981 Wooster Road Millersburg, Ohio 44654	10.5	HPSA	Tony Snyder, CEO	419-557-7400
	9521	Columbiana	<b>East Liverpool City Hospital</b> 425 West 5 <sup>th</sup> Street East Liverpool, Ohio 43920	4		Frank Mader – Director of IT Services	330-386-3186

### 3.0 Network Narrative

- a) At the core of the network OneCommunity uses a Core DWDM system using Fujitsu Flashwave 7500 platform. This platform allows the out of the box capacity of 64 Lambda channels. By adding Wave Switching services an additional 16 channels for a total of 80 Channels, the Wave Switching system allows up to eight degrees, which allows 4 separate DWDM rings to terminate into a single system. This allows Lambda's to be digitally cross connected from one ring to another. The Flashwave 7500 system supports all major transport services such as 1Gbps, 10Gbps, 40Gbps and sub rated Gigabit optical services for Ethernet delivery. The network also supports SONET services such as OC-3, OC-12, OC-48, OC-192, and OC-768. The platform can also transport SAN traffic using Fibre Channel and can transport proprietary optical protocols using alien waveform transponders. Over the next year Fujitsu will be releasing their 100Gbps transponder that allows the aggregation of 10Gig and 40 Gig channels over a single channel.

The DWDM transport system drops into the core Ethernet routing system for regional transport of Ethernet Traffic. OneCommunity at its core uses primarily Cisco Catalyst 6000 series Multilayer switches. The Core system uses a MPLS platform on its 6500 series for Layer 2 and Layer 3 transport. For layer 2 OneCommunity deploys an EoMPLS solution that allows Layer 2 Ethernet to be routed through the network using the Layer 3 functionality of MPLS. The EoMPLS tunnels enter the network usually as Dot1Q trunks or Access Ports, encapsulated into MPLS Packet stream and tagged for Routing. The MPLS Tagged traffic is routed to its remote node and converted back into a Dot1q Trunk or Access port. For Layer 3 Routing MPLS allows the creation of MPLS VPN's called Virtual Routing Forwarders (VRF). This allows OneCommunity to create MPLS VPN's for each customer on the network. The MPLS VPN only handles the routes associated with that VPN and is not shared with other VPN routing tables or the core routing Table. This ensures that each customer has the highest level of security possible. Having multiple MPLS VPN's for customers is like having multiple private

routers dedicated to that customer, but allows the use of shared links throughout the network. MPLS VPN's can be private and only route between customer endpoints, or a MPLS VPN can have access to the Internet to create a Public/Private network. Each Core Access device has Multiple Supervisor 720-3BXL for redundancy. All core connections are at a minimum of 10Gbps. All chassis have dual power supplies using 6000W connection to a local UPS and Generator Protected power system.

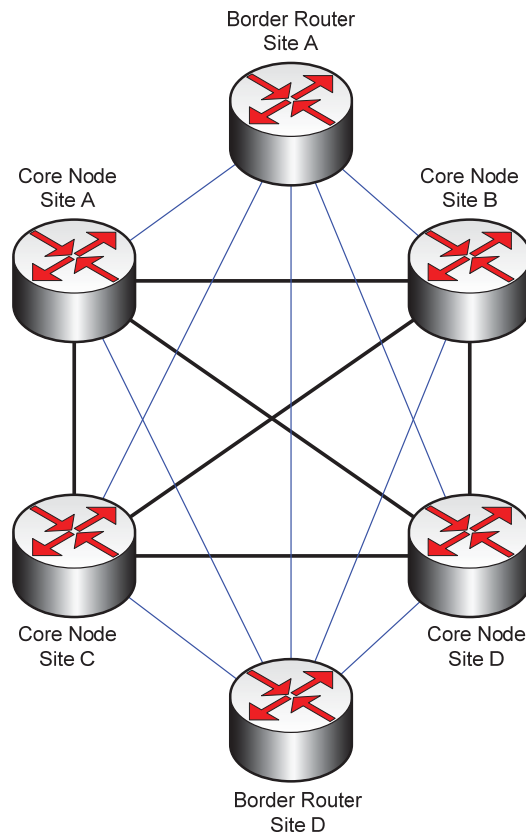
Upstream Internet service providers are attached to the OneCommunity network using Border Routers. Border routers use Cisco Catalyst 6500 series chassis and have high capacity links to the upstream provider. The Border Layer is fully meshed with every other border element in the network for maximum redundancy. OneCommunity has multiple upstream providers with connections not only locally but also has out of state connections to various up-stream providers. OneCommunity receives full routing tables for each upstream provider, and receives 26,000 plus public routes.

- b) Customers and service providers attach to the OneCommunity network at the access Layer. The access layer is connected to at a minimum of (2) core layers that allow for maximum redundancy. Each access layer depending on site size is a Cisco Catalyst 3560G-12D, Cisco 3750-12S, or Cisco Catalyst 6500 Series Devices. In most cases the access device has Dual Power supplies and is connected to a UPS and generator-backed power system.
- c) The border layer provides OneCommunity's connection to its upstream peers. The border routers receive full routes from upstream, and are strategically injected into the core layer. The border layer is always fully meshed with all other border routers and core routers. OneCommunity uses Cisco 6504 Chassis with Supervisor 720-3BXL for all its border routers.

*Key points for the Border Layer Design Standards:*

- The border layer is used to provide connectivity to OneCommunity upstream providers;
- OneCommunity has (3) primary upstream providers and (3) secondary upstream peers.
- The (3) primary upstream providers are Global Crossing, Level 3 Communications, and Cogent Communications. These peers provide connectivity to the general Internet on a regional, national and international level;
- The (3) secondary upstream peers include National Lambda Rail (NLR), OARNet, and Internet 2. These peers provide connectivity to other networks that have transport to specialized or proprietary networks;
- Each border router connects to at least two (2) core layer nodes to provide upstream redundancy and failover.



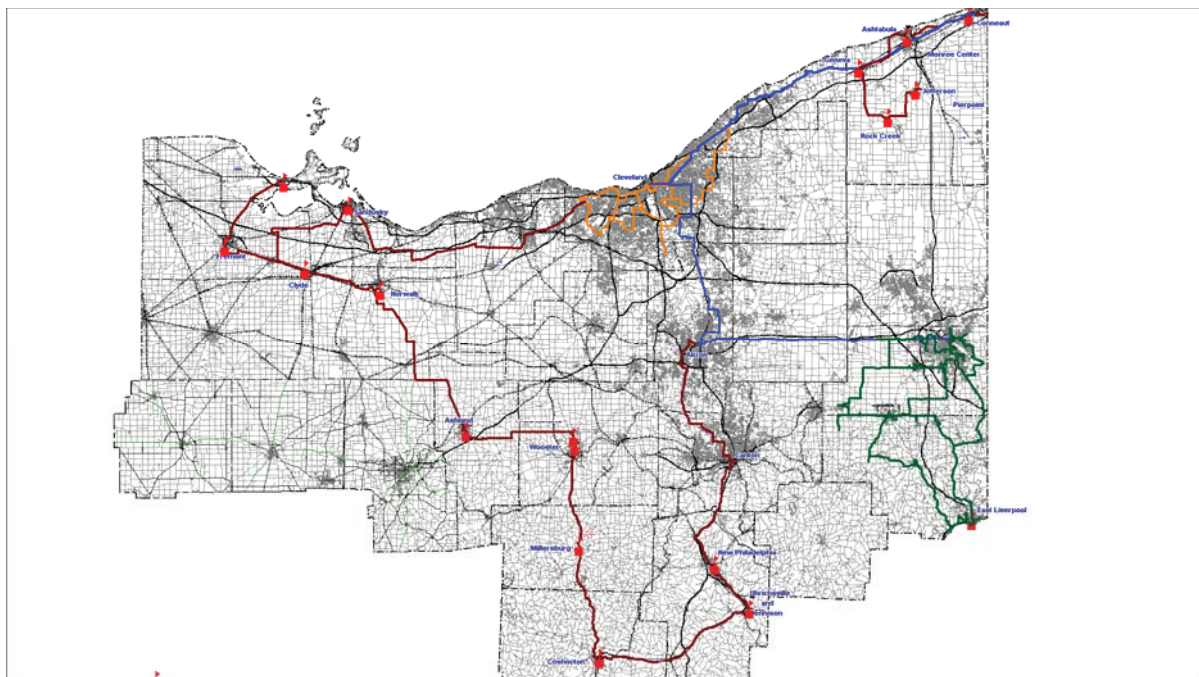


- d) OneCommunity has designed a DWDM based infrastructure that uses MPLS network transport services. Healthcare sites will connect via a dual-path entrance fiber system that can provide backbone services at 1 Gbps speeds. Other laterals requiring a wireless connection will connect at 100 Mbps. The HealthNet network connects into Internet2 national backbone through a BGP peering gateway on the OneCommunity fiber backbone.

Actual fiber construction, network region, is as follows:

<u>Eastern Zone</u>	<u>Western Zone</u>	<u>Southern Zone</u>
<u>170,922 ft. (U)</u>	<u>140,117 ft. (U)</u>	<u>175,147 ft. (U)</u>
<u>161,753 (A)</u>	<u>771,359 ft. (A)</u>	<u>252,302 ft. (A)</u>

U – Underground  
A – Aerial



- e) OneCommunity had deployed Solar Winds the powerful and flexible monitoring system. Solar Winds network Performance Monitor enables you to quickly detect, diagnose and resolve network performance problems and outages. It offers views that are designed to deliver the critical information network engineers need. A series of powerful modules extend Solar Winds management capabilities to Network infrastructure, VoIP infrastructure, NetFlow traffic analysis, wireless devices, and applications.
- Monitors and analyzes **real-time, in-depth network performance metrics** for routers, switches, servers, and any other SNMP-enabled devices
  - Provides a highly **intuitive, customizable web interface** with point-and-click simplicity that supports multiple views by user and department, as well as cutting-edge map views and “Top 10” views of your global network
  - Gets you up and running in less than an hour with Orion NPM's **do-it-yourself deployment**
  - Enables **advanced alerting** for correlated events, sustained conditions, and complex combinations of device states
  - Scales to **accommodate growth** and management needs with a hot standby engine, multiple polling engines, and additional web servers
  - **Extends management capabilities** to NetFlow traffic analysis and monitoring of VoIP performance, wireless devices, applications and servers
  - Leverages a **Universal Device Poller** to monitor any SNMP-enabled device
  - **Orion Application Performance Monitor**  
Orion Application Performance Monitor (APM) extends Orion's powerful monitoring capabilities to applications and servers. OneCommunity can get the visibility into the performance of applications and the underlying operating systems and servers they run on. APM delivers a one-stop shop for monitoring network, application, and server

data in a single, unified console, enabling you to quickly identify and resolve issues with business-critical applications – before they affect your end-users.

- **Orion NetFlow Traffic Analyzer**

Orion NetFlow Traffic Analyzer (NTA) enables you to capture flow data from continuous streams of network traffic and convert those raw numbers into easy-to-interpret charts and tables that quantify exactly how the corporate network is being used, by whom and for what purpose – enabling you to shut down the bandwidth hogs.

- **Orion VoIP Monitor**

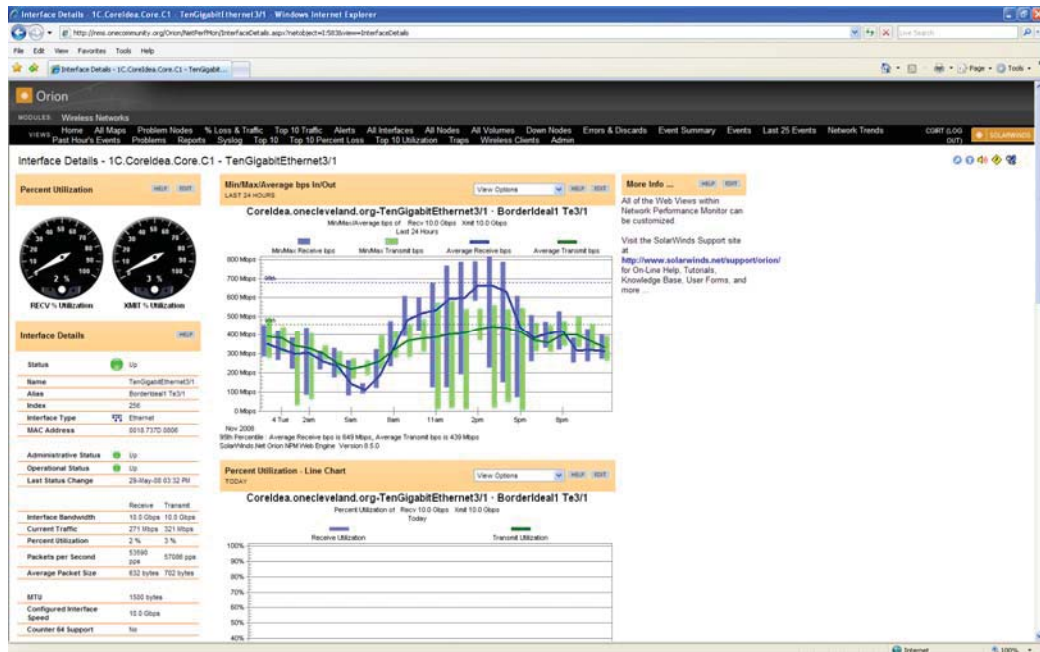
Orion VoIP Monitor allows you to proactively analyze VoIP quality across WAN links, as well as monitor the underlying systems and protocols that the VoIP environment relies upon, providing complete integration with Orion NPM and offering the same scalability that you've grown to love in Orion NPM. VoIP Monitor's simulation-based approach with IP SLA alerts you to problems and enables you to fix them before an end-user can notice any voice quality issues.

- **Orion Wireless Network Monitor**

Wireless Network Monitor extends the management capabilities of Orion to wireless access points and associated wireless clients and sessions. Network professionals who are responsible for supporting wireless network devices rely on Wireless Network Monitor to perform activities, such as monitoring wireless access points (APs) for signal strength and quality, supporting 802.11-compliant APs via standard and vendor-proprietary SNMP MIBs, monitoring client statistics for Cisco wireless APs, recording historical session activity of clients that roam from one AP to another, and more!

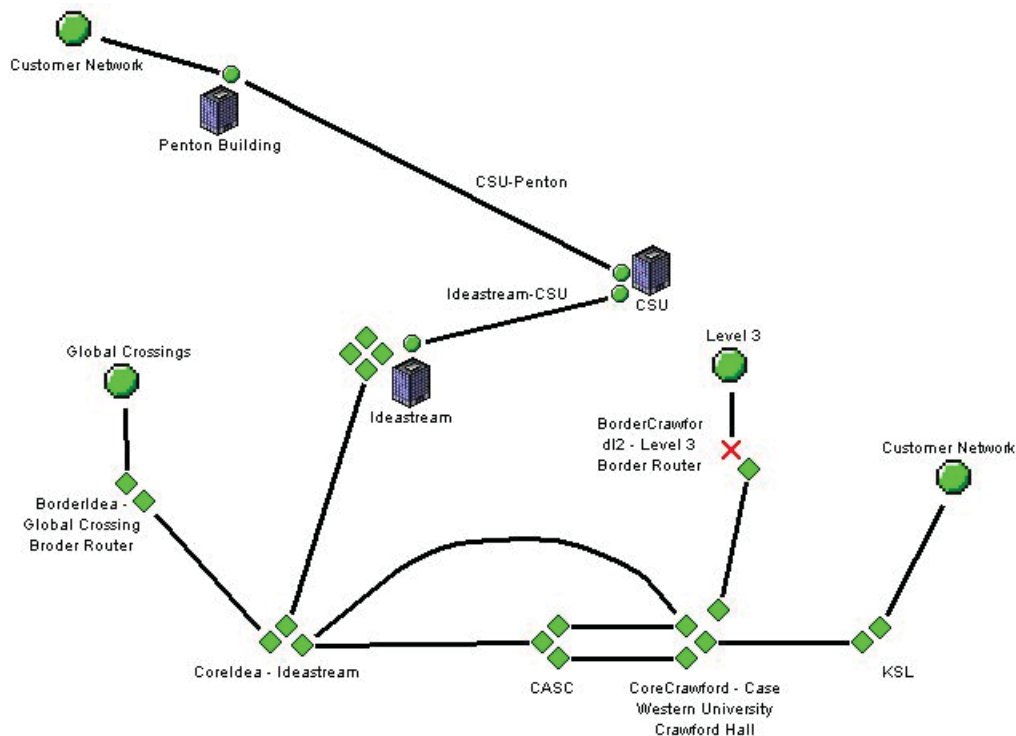


Typical Web view of a Network Device



Typical Interface View

Solar Winds also delivers a powerful web based tool that can be customized for specific customer needs. OneCommunity can give customers access to their network elements to show a real-time view into network statics that are customizable to the customer's specifications.



### Customer Monitoring

OneCommunity can also offer its monitoring services to a customer network. This would ensure that a customer has 7x24x365 monitoring on its critical network elements. OneCommunity can offer monitoring of Network Devices such as Switches, Routers, Firewalls, Servers, Voice Gateways, Call Mangers, or any other SNMP enabled devices. OneCommunity can offset companies IT services by ensuring that issues are brought to the customer's attention before they become a major outage. OneCommunity can also act as a service agent for the customer and open and track trouble tickets with various carriers or internal resources.

### Network Management

OneCommunity has broken its network management functionality into 5 distinct areas or departments. These areas include Engineering, Operations, Administration, Maintenance, and Provisioning.

- **Engineering** ensures that the network is designed to provide maximum reliability by focusing on network construction. The Engineering Department designs the OneCommunity network to be fully redundant at all layers and in the event of a failure that the network has the ability to re-route traffic to reach its destination.
- **Operations** deals with keeping the network (and the services that the network provides) up and running smoothly. It includes monitoring the network to spot problems as soon as possible, ideally before users are affected. OneCommunity has Network Operations Engineers on staff 7x24x365 days a year to deal with internal and customer network issues
- **Administration** deals with keeping track of resources in the network and how they are assigned. It includes all the "housekeeping" that is necessary to keep the network under control. Administration is also part of the Network Operations Center and is in charge of customer event notifications, Change Management procedures, and ensuring that communications is withheld between the customer base and the OneCommunity staff.
- **Maintenance** is concerned with performing repairs and upgrades - for example, when equipment must be replaced, when a router needs a patch for an operating system image, when a new switch is added to a network. Maintenance also involves corrective and preventive measures to make the managed network run "better", such as adjusting device configuration parameters. Maintenance is usually performed by the network operations center if the issue is in house and performed by Field Engineering is the issue resides at a remote co-location or customer premise.
- **Provisioning** is concerned with configuring resources in the network to support a given service. For example, this might include setting up the network so that a new customer can receive voice service. This function is performed, depending on complexity by the network operations center or the engineering staff.



## **Network Management Tools**

Solar Winds and OneConnect are the primary network management tools used to ensure proper reporting, asset management, software/firmware management, IP management, and various other parameters used in daily network operations.

**Reporting** – The Solar winds is the primary tool used to generate reports for network statistics and performance. The tool also provides various reporting functions such as link capacity, device capacity, and advanced information on the network to allow the engineering department to ensure it has ample lead times for network augmentations.

**Asset Management** – The Solar Winds tool allows OneCommunity to track its assets that have been deployed to have a quick view in the event that a specific device needs security updates or replacement.

**Software/Firmware Management** – This function of Solar Winds allows the OneCommunity Operations and Maintenance staff ensures that all devices on the network have to most up to date software/firmware revisions. This includes critical security updates for network servers, IOS upgrades for Routers and Switches, and software upgrades for the regional transport systems. When a new revision is released for a particular device the device will generate a minor alarm to make the network operations center aware of new updates.

**IP Management** – Solar winds has a robust IP management tool that allows OneCommunity Engineering and operations staff keeps detailed records of its private and public IP space. It will also allow administration to SWIP IP space to ARIN for public address registration.

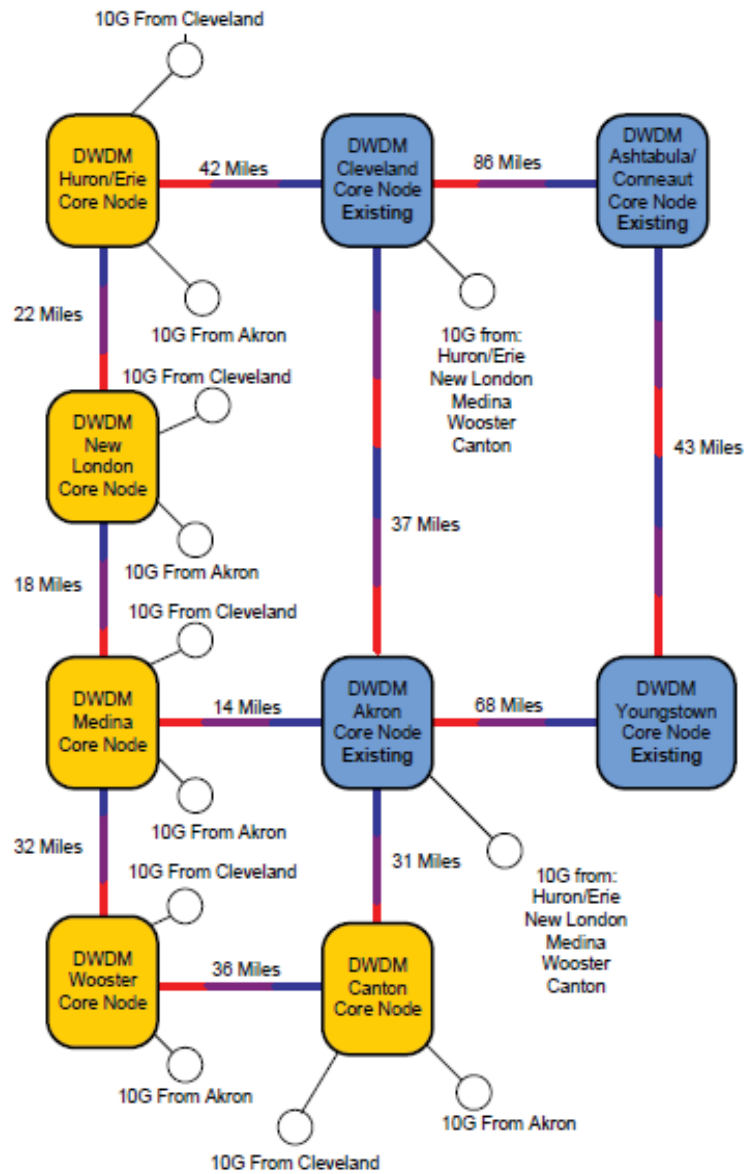
Other powerful tools that are native to Solar winds are the engineering toolkit. This feature rich package allows the network operations and maintenance staff to use powerful tools to isolate issues or troubles. This package includes discovery tools, real time monitoring tools, diagnostic tools, and a Cisco specific tool kit.

## 4.0 List of Connected Healthcare Providers

Table 4.1 below shows the table of connected healthcare providers.

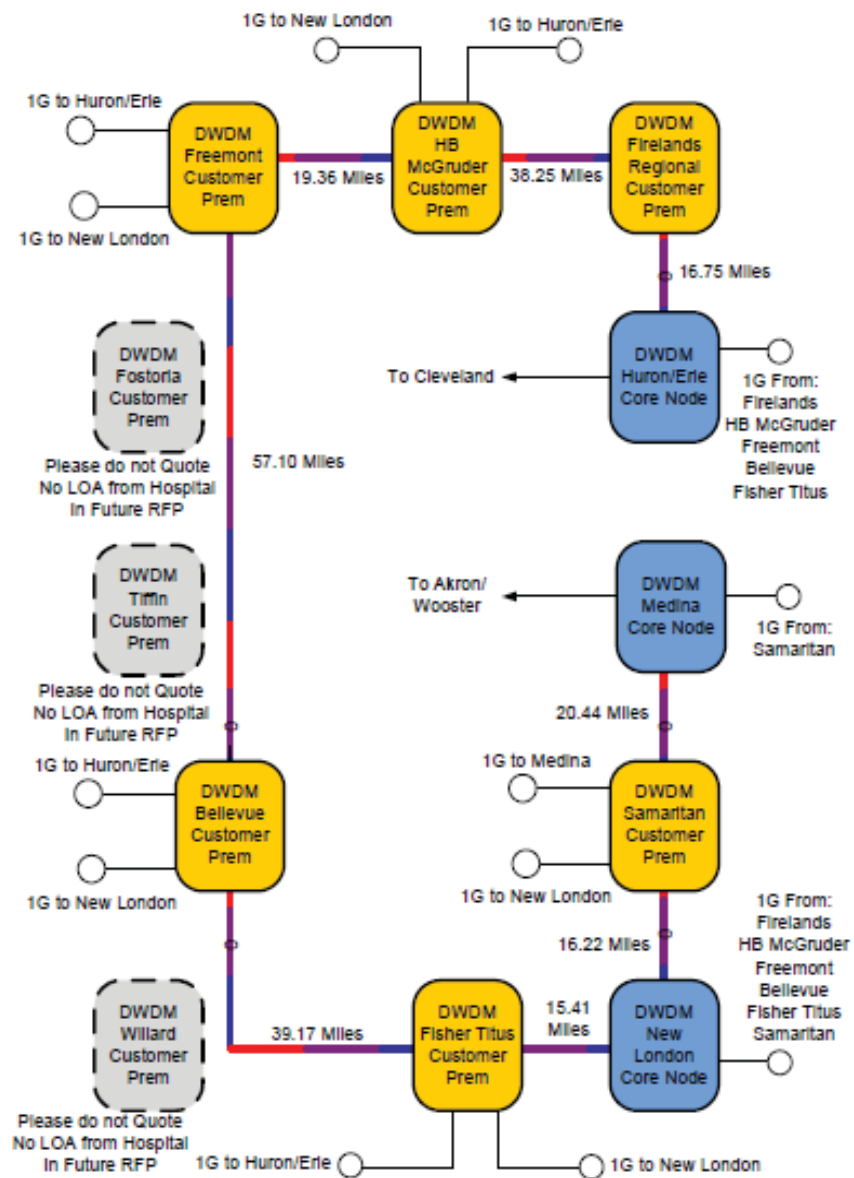
Location	Hospital	Overall Status
<b>Eastern Zone</b>		
Segment E-1 (Ashtabula-Conneaut)	Conneaut	Live
Segment E-2 (Geneva-Ashtabula)	Ashtabula	Live
	Geneva	Live
Segment E-3 (Rockcreek-Geneva)	Glenbeigh	Live
	UHHS	Live
Segment E-4 (RockCreek-Jefferson)	Jefferson	Live
<b>Western Zone</b>		
Segment W-1 (Elyria-Sandusky)	Firelands	Live
	NOMS Healthcare	Live
	Firelands South Campus	Live
	Vermillion Collections Center	Live
Segment W-2 (Sandusky-Clyde)	NA	
Segment W-3 (Clyde - Fremont)	Memorial	Live
Segment W-4 (Fremont-Port Clinton)	Magruder	Live
	Firelands Portland Clinic	Live
Segment W-5 (Clyde-Bellevue)	Bellevue	Live
	NOMS Bellevue	Live
	Bellevue Clyde Clinic	Live
	Bellevue Sleep Lab	Live
	Bellevue Woman's Clinic	Live
	Firelands Counseling & Recovery Services of Bellevue	Live
	Firelands Clinic Clyde	Live
Segment W-6 (Bellevue-Norwalk)	Fisher Titus	Live
Segment W-7 (Norwalk - Ashland)	Samaritan	Live
	Ohio Telecom	Live
<b>Southern Zone</b>		
Segment S-6 (Ashland-Wooster) - Needed in June	Wooster Community	Live
Segment S-2 (Wooster-Coshocton)	Coshocton	Incomplete Fiber
OneCommunity Access Ring Fiber (East Liverpool)	East Liverpool	Incomplete Fiber
Segment S-1 (Canton-Akron)	NA	Middle Mile Fiber
Segment S-3 (Coshocton - Denison)	Twin City	Incomplete Fiber
Segment S-4 (Denison - New Philadelphia)	Union	Incomplete Fiber
Segment S-5 (New Philadelphia - Canton)	NA	Middle Mile Fiber

## 4.1 Logical Network Diagrams

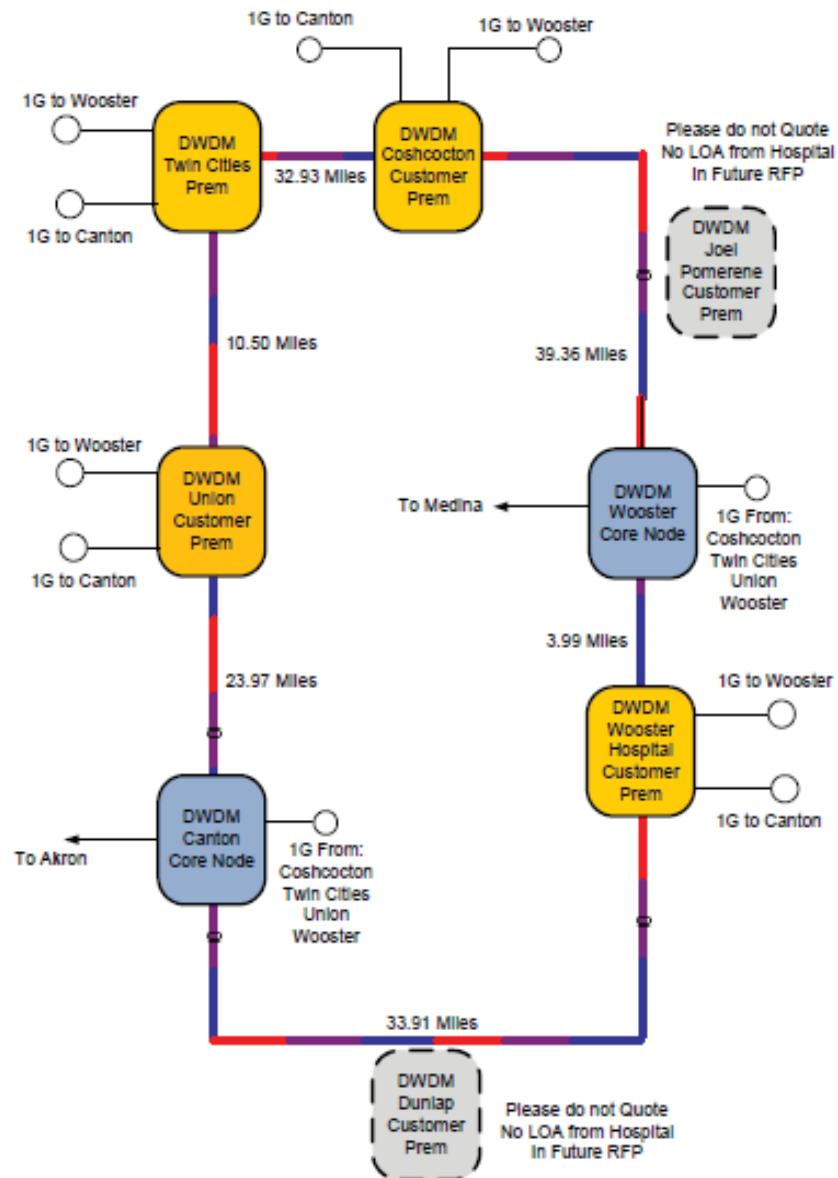


### 4.1.1 DWDM Backbone Network Design

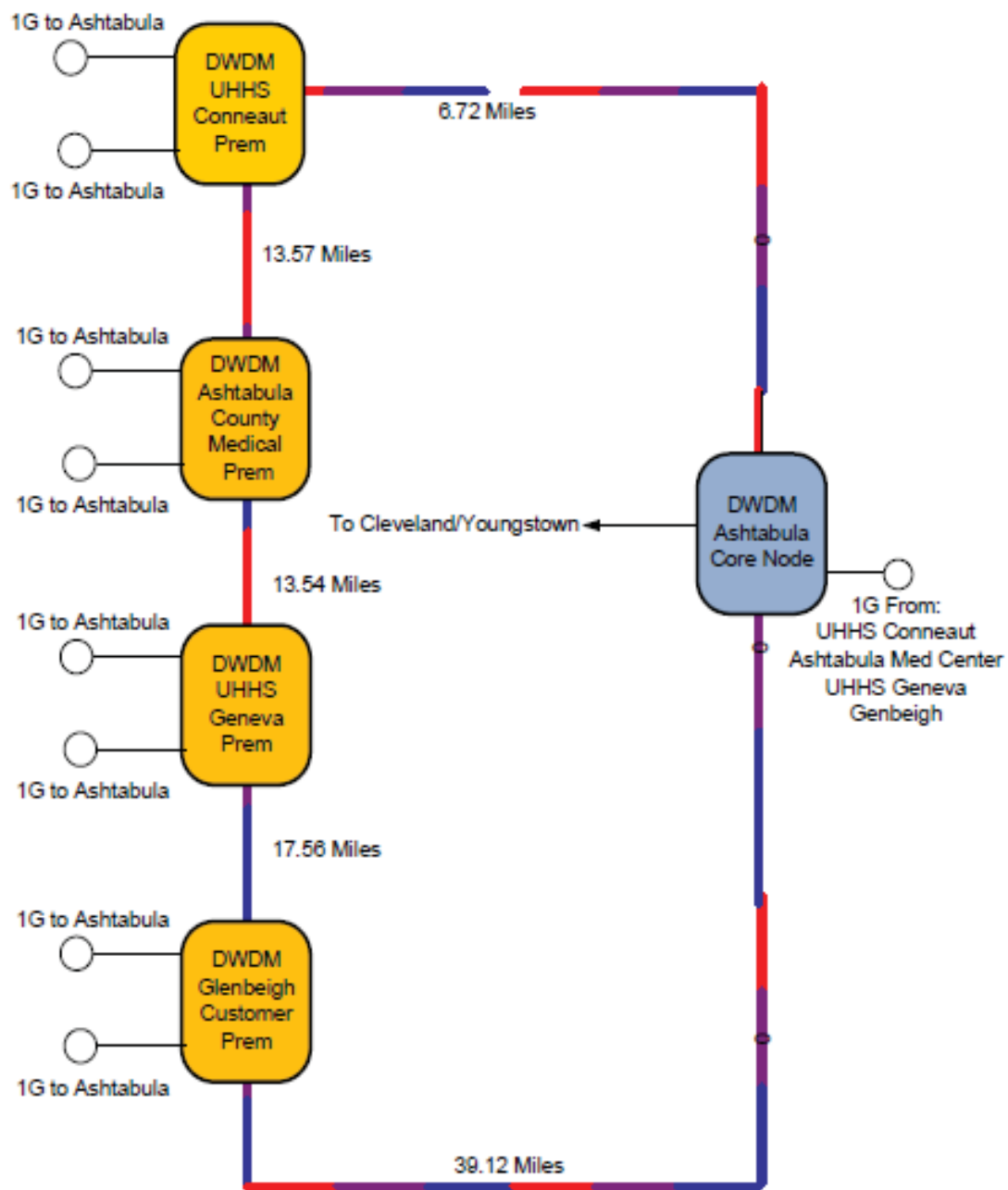




#### 4.1.2 Western Ring Network Design



#### 4.1.3 Southern Ring Network Design



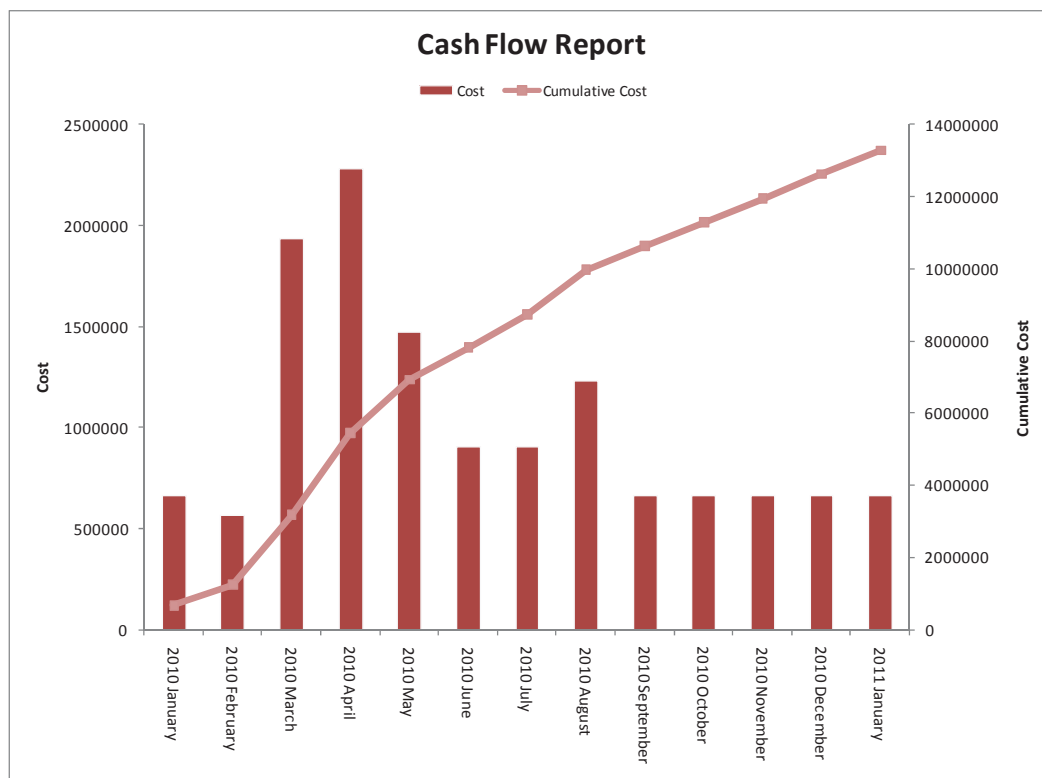
4.1.4 Eastern Ring Network Design

## 5.0 Budgeted vs. Actual Costs – Recurring and Non-recurring

Actual information is available as we complete the first quarter of this project. The budgeted and actual portion of the table at this point within the project has been completed with the actual costs updated per quarter as we progress through the project. All costs are non-recurring construction costs.

		<b>Budgeted</b>	<b>Actual</b>
<i>Backbone equipment</i>	<i>Fujitsu</i>	1,376,214.00	\$ 1,376,214.00
	<i>Texcel</i>	\$ 421,331.40	\$ 421,331.40
<i>Fiber Material Cost</i>	<i>OFS Fitel</i>	\$ 1,320,604.80	\$ 880,485.94
<i>Build Material Cost</i>	<i>AD Technologies</i>	\$ 371,287.12	\$ 126,562.27
	<i>Multilink</i>	\$ 96,857.85	\$ 96,857.85
<i>Fiber installation</i>	<i>GNJ</i>	\$ 7,324,121.77	\$ 6,713,778.28
<i>Make ready &amp; permits</i>	<i>OneCommunity</i>	\$ 1,081,313.64	\$ 3,468,001.72
<i>Construction management</i>	<i>OneCommunity</i>	\$ 649,972.06	\$ 649,972.06
<i>Ring equipment cost</i>	<i>Texcel</i>	\$ 509,955.60	\$ 509,955.60
<b>Project Cost</b>		<b>\$ 13,277,882.36</b>	<b>\$ 14,243,159.12</b>

The Cash Flow report shown below details the budgeted cost by month and the accumulative budget cost for the project.



The exhibit below shows actual cost by project task group.

<u><i>Fiber</i></u>	<u><i>Construction Equipment</i></u>	<u><i>Network Equipment</i></u>	<u><i>Labor</i></u>	<u><i>Permits and Make Ready</i></u>	<u><i>Total</i></u>
\$ 880,485.94	\$ 223,420.16	\$ 2,307,501.00	\$7,363,750.30	\$ 3,468,001.72	<b>\$ 14,243,159.12</b>

## 6.0 Cost Distribution and Funding Sources

Vendor contracts, equipment acquisition and provisioning is in progress; however, circuit connectivity has not been established and no customer premise equipment has been placed. No costs have yet been incurred. When invoicing begins, the following will apply:

- a) All participants are eligible. Costs are allocated among partners based on the contracted connectivity and hardware specified for their subsidiary health care provider sites.
- b) Sources of funds from:
  - i. Eligible Participants: partners will pay the fifteen percent (15%) contribution for their subsidiary health care provider sites from commercial loans.
  - ii. There are no ineligible sites in the HealthNet supported network during this phase of the project.
- c) There are no grants anticipated from local, state or federal sources at this time.
- d) The capability to connect broadband level connectivity to locations that otherwise would not be served for essentially fifteen percent (15%) of the total cost, enables Intranet based services within the OneCommunity network to be distributed to rural locations. Additional healthcare services can be provided on a wider scale through network expansion to a targeted audience, in this case rural healthcare providers, which is a strategic goal of the OneCommunity business model.

## Baseline Cost by Healthcare Facility

	Texcel	Fujitsu	OFS Fitel	AD Technologies	Multilink	GNJ	OneCommunity (Make-ready)	OneCommunity (Construction Management)	OneCommunity (Permits)	Total Cost per Healthcare Facility
Ashtabula County Medical Center	\$ 58,205.44	\$ 86,013.38	\$ 44,469.58	\$ 23,205.45	\$ 6,053.62	\$ 240,454.03	\$ 35,397.00	\$ 21,276.93	\$ 4,139.92	\$ 519,215.33
Coshocton County Memorial Hospital	\$ 58,205.44	\$ 86,013.38	\$ 171,616.86	\$ 23,205.45	\$ 6,053.62	\$ 957,143.07	\$ 141,197.00	\$ 84,872.84	\$ 16,479.21	\$ 1,544,786.85
East Liverpool City Hospital	\$ 58,205.44	\$ 86,013.38	\$ 22,469.02	\$ 23,205.45	\$ 6,053.62	\$ 122,889.17	\$ 19,738.20	\$ 11,864.50	\$ 2,115.79	\$ 352,554.55
Firelands Regional Medical Center	\$ 58,205.44	\$ 86,013.38	\$ 177,306.64	\$ 23,205.45	\$ 6,053.62	\$ 1,106,240.50	\$ 145,901.54	\$ 87,700.72	\$ 19,046.23	\$ 1,709,673.50
Fisher Titus Medical Center	\$ 58,205.44	\$ 86,013.38	\$ 74,763.82	\$ 23,205.45	\$ 6,053.62	\$ 414,668.95	\$ 61,115.18	\$ 36,736.02	\$ 7,139.39	\$ 767,901.23
Glenbeigh Hospital of Rockcreek	\$ 58,205.44	\$ 86,013.38	\$ 81,338.70	\$ 23,205.45	\$ 6,053.62	\$ 334,266.04	\$ 66,551.54	\$ 40,003.79	\$ 5,755.09	\$ 701,393.03
H. B. Magruder Memorial Hospital	\$ 58,205.44	\$ 86,013.38	\$ 82,729.54	\$ 23,205.45	\$ 6,053.62	\$ 459,284.97	\$ 67,701.54	\$ 40,695.05	\$ 7,907.55	\$ 831,796.53
Jefferson Healthcare Center	\$ 58,205.44	\$ 86,013.38	\$ 75,396.02	\$ 23,205.45	\$ 6,053.62	\$ 418,209.91	\$ 61,637.91	\$ 37,050.23	\$ 7,200.35	\$ 772,972.29
Memorial Hospital	\$ 58,205.44	\$ 86,013.38	\$ 59,591.02	\$ 23,205.45	\$ 6,053.62	\$ 329,686.06	\$ 48,569.73	\$ 29,195.00	\$ 5,676.23	\$ 646,195.91
Samaritan Regional Health System	\$ 58,205.44	\$ 86,013.38	\$ 77,608.72	\$ 23,205.45	\$ 6,053.62	\$ 430,603.25	\$ 63,467.45	\$ 38,149.96	\$ 7,413.73	\$ 790,720.98
The Bellevue Hospital	\$ 58,205.44	\$ 86,013.38	\$ 43,153.82	\$ 23,205.45	\$ 6,053.62	\$ 237,621.27	\$ 34,978.82	\$ 21,025.57	\$ 4,091.14	\$ 514,348.49
Twin City Hospital	\$ 58,205.44	\$ 86,013.38	\$ 134,190.62	\$ 23,205.45	\$ 6,053.62	\$ 747,518.61	\$ 110,251.54	\$ 66,271.66	\$ 12,870.09	\$ 1,244,580.40
UHHS Conneaut Medical Center	\$ 58,205.44	\$ 86,013.38	\$ 67,683.18	\$ 23,205.45	\$ 6,053.62	\$ 375,010.27	\$ 55,260.64	\$ 33,216.88	\$ 6,456.58	\$ 711,105.42
UHHS Geneva Medical Center	\$ 58,205.44	\$ 86,013.38	\$ 44,469.58	\$ 23,205.45	\$ 6,053.62	\$ 240,454.03	\$ 35,397.00	\$ 21,276.93	\$ 4,139.92	\$ 519,215.33
Union Hospital	\$ 58,205.44	\$ 86,013.38	\$ 60,728.98	\$ 23,205.45	\$ 6,053.62	\$ 336,059.78	\$ 49,510.64	\$ 29,760.58	\$ 5,785.97	\$ 655,323.81
Wooster Community Hospital	\$ 58,205.44	\$ 86,013.38	\$ 103,212.82	\$ 23,205.45	\$ 6,053.62	\$ 574,011.87	\$ 84,637.91	\$ 50,875.42	\$ 9,882.81	\$ 996,098.71
<b>Total</b>	\$ 931,287.00	\$ 1,376,214.00	\$ 1,320,728.92	\$ 371,287.12	\$ 96,857.85	\$ 7,324,121.77	\$ 1,081,313.64	\$ 649,972.06	\$ 126,100.00	\$ 13,277,882.36

## Baseline Costing and Invoicing Plan

<u>Invoice Month</u>	<u>Vendor Amounts</u>							<u>FCC Funding</u>	<u>1C Funding</u>	<u>FCC Burn Rate</u>
	<u>OFS Fitel</u>	<u>AD Technologies</u>	<u>Multilink</u>	<u>Fujitsu</u>	<u>Texcel</u>	<u>GNU Construction</u>	<u>1C Construction Management</u>	<u>Make Ready &amp; Permits</u>		
Feb-10						\$610,343.4808	\$54,164.34	241,482.7245	\$ 770,091.96	6.82%
Mar-10	\$ 440,242.97	\$ 123,762.3733				\$610,343.4808	\$54,164.34	241,482.7245	\$ 1,249,496.51	17.89%
Apr-10			\$96,857.85	\$1,376,214.00		\$610,343.4808	\$54,164.34	241,482.7245	\$ 2,022,203.04	35.81%
May-10					\$931,287.00	\$610,343.4808	\$54,164.34	241,482.7245	\$ 1,561,685.91	49.65%
Jun-10	\$ 440,242.97	\$ 123,762.3733				\$610,343.4808	\$54,164.34	241,482.7245	\$ 1,249,496.51	60.72%
Jul-10						\$610,343.4808	\$54,164.34		\$ 564,831.65	65.72%
Aug-10						\$610,343.4808	\$54,164.34		\$ 564,831.65	70.73%
Sep-10	\$ 440,242.97	\$ 123,762.3733				\$610,343.4808	\$54,164.34		\$ 1,044,236.19	79.98%
Oct-10						\$610,343.4808	\$54,164.34		\$ 564,831.65	84.99%
Nov-10						\$610,343.4808	\$54,164.34		\$ 564,831.65	89.99%
Dec-10						\$610,343.4808	\$54,164.34		\$ 564,831.65	95.00%
Jan-11						\$610,343.4808	\$54,164.34		\$ 564,831.65	100.00%
	\$ 1,320,728.91	\$ 371,287.12	\$ 96,857.85	\$ 1,376,214.00	\$ 931,287.00	\$ 7,324,121.77	\$ 649,972.08	\$ 1,207,413.62	\$ 11,286,200.00	\$ 1,991,682.35

FCC Match \$ 1,122,619.57 \$ 315,594.05 \$ 82,329.17 \$ 1,169,781.90 \$ 791,593.95 \$ 6,225,503.50 \$ 552,476.27 \$ 1,026,301.58

## **7.0 Connection Requirements for Ineligible Entities**

OneCommunity builds all networks as “open access” which means that other service providers can participate in using OneCommunity’s infrastructure transport. The extension of our current network with the addition of the FCC build extends this open access to additional regional areas who cannot either obtain or afford broadband access.

Ineligible entities do not require any additional technical requirements nor additional procedures in order to connect to the OneCommunity network. With the exception of increased pricing compared to eligible entities, connection to the network can be accomplished by direct loop or through a lateral build. Separate last mile providers can participate in the connecting of these entities.

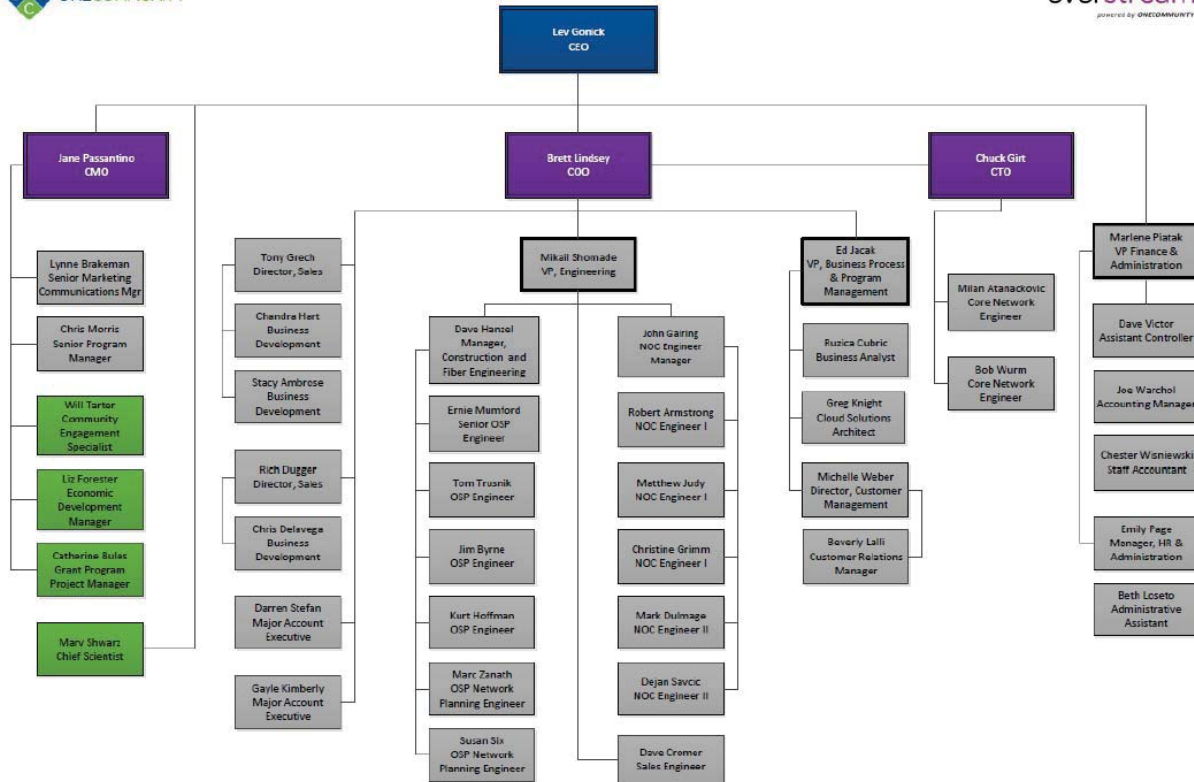
No ineligible entities are participating in the project.

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# 8.0 Project Management

## a) Current Leadership and Management Structure FUNCTIONAL ORGANIZATIONAL CHART 2015



## b) Detailed Project Plan

ID	Name	Work	Start	% Work Complete	% Complete	Actual Finish	Fiber Miles	Actual Work	OH Strand	OH Fiber	UC Conduit Placed	UC Fiber Placed	2009 H1	2010 H1	2010 H2	2011 H1	2011 H2
1	✓ FCC HealthNet Network Build	17,310.68 hrs	Mon 1/18/10	100%	100%	Fri 4/22/11		17,310.68 hrs									
2	✓ Phase 1	17,310.68 hrs	Mon 1/18/10	100%	100%	Fri 4/15/11		17,310.68 hrs									
3	✓ Eastern Zone	2,763.35 hrs	Mon 1/18/10	100%	100%	Thu 2/3/11		2,763.35 hrs									
4	✓ Segment E-1 (Ashtabula-Conneaut)	717.83 hrs	Mon 1/18/10	100%	100%	Tue 2/1/11 15		717.83 hrs									
5	✓ Conduct site walkout	84 hrs	Mon 1/18/10	100%	100%	Thu 2/18/10		84 hrs									
6	✓ Aerial	42 hrs	Mon 1/18/10	100%	100%	Thu 2/18/10		42 hrs									
7	✓ Obtain pole information	10.5 hrs	Mon 1/18/10	100%	100%	Thu 2/18/10		10.5 hrs									
8	✓ Gather pole birthmark (if available)	10.5 hrs	Mon 1/18/10	100%	100%	Thu 2/18/10		10.5 hrs									
9	✓ Obtain utility name who owns each pole	10.5 hrs	Mon 1/18/10	100%	100%	Thu 2/18/10		10.5 hrs									
10	✓ Measure individual utilities on poles	10.5 hrs	Mon 1/18/10	100%	100%	Thu 2/18/10		10.5 hrs									
11	✓ Underground	42 hrs	Mon 1/18/10	100%	100%	Thu 2/18/10		42 hrs									
12	✓ Identify underground locations	10.5 hrs	Mon 1/18/10	100%	100%	Thu 2/18/10		10.5 hrs									
13	✓ Identify riser poles	10.5 hrs	Mon 1/18/10	100%	100%	Thu 2/18/10		10.5 hrs									
14	✓ Location of pull vaults	10.5 hrs	Mon 1/18/10	100%	100%	Thu 2/18/10		10.5 hrs									
15	✓ Gather information on construction obstacles	10.5 hrs	Mon 1/18/10	100%	100%	Thu 2/18/10		10.5 hrs									
16	✓ Summarize walkout information and enter into CAD drawing	29.13 hrs	Thu 4/22/10	100%	100%	Sun 4/25/10		29.13 hrs									
17	✓ Verify field information	9.72 hrs	Tue 4/27/10	100%	100%	Wed 4/28/10		9.72 hrs									
18	✓ Define detailed project plan for aerial & underground work	14.57 hrs	Wed 4/28/10	100%	100%	Thu 4/29/10		14.57 hrs									
19	✓ Aerial Approvals	233 hrs	Mon 4/19/10	100%	100%	Wed 6/16/10		233 hrs									
20	✓ Submit pole information to utilities	16 hrs	Mon 4/19/10	100%	100%	Fri 6/4/10		16 hrs									
21	✓ Pay 100% of engineering invoice	0.5 hrs	Wed 5/12/10	100%	100%	Wed 5/12/10		0.5 hrs									
22	✓ Pay 100% of make-ready invoice	0.5 hrs	Wed 5/19/10	100%	100%	Wed 5/19/10		0.5 hrs									
23	✓ Conduct make-ready work	160 hrs	Wed 5/19/10	100%	100%	Wed 6/16/10		160 hrs									
24	✓ Receive approval to access poles	56 hrs	Wed 5/19/10	100%	100%	Thu 5/27/10		56 hrs									
25	✓ Underground Approvals	0 hrs	Mon 4/26/10	100%	100%	Tue 4/27/10		0 hrs									
26	✓ Submit underground information to municipalities, count	0 hrs	Mon 4/26/10	100%	100%	Tue 4/27/10		0 hrs									
27	✓ Pay 100% of permit cost	0 hrs	Tue 4/27/10	100%	100%	Tue 4/27/10		0 hrs									
28	✓ Receive underground permits	0 hrs	Tue 4/27/10	100%	100%	Tue 4/27/10		0 hrs									
29	✓ Field Construction	329.72 hrs	Tue 4/27/10	100%	100%	Mon 6/21/10		329.72 hrs									
30	✓ Conduct underground work	200 hrs	Tue 4/27/10	100%	100%	Fri 6/18/10		200 hrs									
31	✓ Conduct pole work	0 hrs	Tue 6/8/10	100%	100%	Tue 6/8/10		0 hrs									
32	✓ Test spliced fibers (entire segment)	9.72 hrs	Tue 6/8/10	100%	100%	Wed 6/9/10		9.72 hrs									
33	✓ Implement lateral and inside fiber connection	80 hrs	Tue 6/8/10	100%	100%	Mon 5/21/10		80 hrs									
34	✓ Install network electronics (core, distribution and edge)	40 hrs	Tue 6/8/10	100%	100%	Mon 6/14/10		40 hrs									
35	✓ Signoff acceptance	17.72 hrs	Thu 7/22/10	100%	100%	Tue 2/1/11		17.72 hrs									
36	✓ As built drawings	8 hrs	Tue 2/1/11	100%	100%	Tue 2/1/11		8 hrs									
37	✓ Splicing diagram	2.43 hrs	Wed 1/12/11	100%	100%	Wed 1/12/11		2.43 hrs									
38	✓ Link loss report	2.43 hrs	Wed 1/12/11	100%	100%	Wed 1/12/11		2.43 hrs									
39	✓ Packing slips	2.43 hrs	Thu 7/22/10	100%	100%	Thu 7/22/10		2.43 hrs									
40	✓ Pre-test documentation	2.43 hrs	Thu 7/22/10	100%	100%	Thu 7/22/10		2.43 hrs									

D		Name	Work	Start	% Work Complete	% Complete	Actual Finish	Fiber Miles	Actual Work	OH Strand	OH Fiber	UO Conduit Placed	UO Fiber Placed	2009 H1	2010 H1	2011 H1	2012 H1
41	✓	<b>Segment E-2 (Geneva-Ashtabula)</b>	<b>666 hrs</b>	<b>Thu 2/16/10</b>	<b>100%</b>	<b>100%</b>	<b>Thu 2/3/11</b>	<b>14</b>	<b>666 hrs</b>								
42	✓	<b>Conduct site walkout</b>	<b>40 hrs</b>	<b>Tue 3/23/10</b>	<b>100%</b>	<b>100%</b>	<b>Tue 3/30/10</b>	<b>40 hrs</b>									
43	✓	<b>Aerial</b>	<b>20 hrs</b>	<b>Tue 3/23/10</b>	<b>100%</b>	<b>100%</b>	<b>Tue 3/30/10</b>	<b>20 hrs</b>									
44	✓	Obtain pole information	5 hrs	Tue 3/23/10	100%	100%	Tue 3/30/10	5 hrs									
45	✓	Gather pole birthmark (if available)	5 hrs	Tue 3/23/10	100%	100%	Tue 3/30/10	5 hrs									
46	✓	Obtain utility name who owns each pole	5 hrs	Tue 3/23/10	100%	100%	Tue 3/30/10	5 hrs									
47	✓	Measure individual utilities on poles	5 hrs	Tue 3/23/10	100%	100%	Tue 3/30/10	5 hrs									
48	✓	<b>Underground</b>	<b>20 hrs</b>	<b>Tue 3/23/10</b>	<b>100%</b>	<b>100%</b>	<b>Tue 3/30/10</b>	<b>20 hrs</b>									
49	✓	Identify underground locations	5 hrs	Tue 3/23/10	100%	100%	Tue 3/30/10	5 hrs									
50	✓	Identify riser poles	5 hrs	Tue 3/23/10	100%	100%	Tue 3/30/10	5 hrs									
51	✓	Location of pull vaults	5 hrs	Tue 3/23/10	100%	100%	Tue 3/30/10	5 hrs									
52	✓	Gather information on construction obstacles	5 hrs	Tue 3/23/10	100%	100%	Tue 3/30/10	5 hrs									
53	✓	Summarize walkout information and enter into CAD drawing	21 hrs	Sun 3/28/10	100%	100%	Thu 4/22/10	21 hrs									
54	✓	Verify field information	8 hrs	Tue 3/30/10	100%	100%	Tue 3/30/10	8 hrs									
55	✓	Define detailed project plan for aerial & underground work	12 hrs	Wed 3/31/10	100%	100%	Tue 4/27/10	12 hrs									
56	✓	<b>Aerial Approvals</b>	<b>17 hrs</b>	<b>Mon 4/19/10</b>	<b>100%</b>	<b>100%</b>	<b>Thu 10/21/10</b>	<b>17 hrs</b>									
57	✓	Submit pole information to utilities	16 hrs	Mon 4/19/10	100%	100%	Fri 6/4/10	16 hrs									
58	✓	Pay 100% of engineering invoice	0.5 hrs	Mon 7/19/10	100%	100%	Mon 7/19/10	0.5 hrs									
59	✓	Pay 100% of make-ready invoice	0.5 hrs	Mon 8/30/10	100%	100%	Mon 8/30/10	0.5 hrs									
60	✓	Conduct make-ready work	0 hrs	Tue 10/12/10	100%	100%	Tue 10/12/10	0 hrs									
61	✓	Receive approval to access poles	0 hrs	Thu 10/21/10	100%	100%	Thu 10/21/10	0 hrs									
62	✓	<b>Underground Approvals</b>	<b>0 hrs</b>	<b>Mon 4/26/10</b>	<b>100%</b>	<b>100%</b>	<b>Tue 4/27/10</b>	<b>0 hrs</b>									
63	✓	Submit underground information to municipalities, county	0 hrs	Mon 4/26/10	100%	100%	Tue 4/27/10	0 hrs									
64	✓	Pay 100% of permit cost	0 hrs	Mon 4/26/10	100%	100%	Mon 4/26/10	0 hrs									
65	✓	Receive underground permits	0 hrs	Tue 4/27/10	100%	100%	Tue 4/27/10	0 hrs									
66	✓	<b>Field Construction</b>	<b>552 hrs</b>	<b>Thu 8/5/10</b>	<b>100%</b>	<b>100%</b>	<b>Thu 2/3/11</b>	<b>552 hrs</b>									
67	✓	Conduct underground work	24 hrs	Thu 8/5/10	100%	100%	Mon 8/9/10	24 hrs				1187	1187				
68	✓	Conduct pole work	476 hrs	Fri 10/15/10	100%	100%	Tue 12/7/10	476 hrs	78994	85313							
69	✓	Test spliced fibers (entire segment)	4 hrs	Wed 12/15/10	100%	100%	Thu 1/20/11	4 hrs									
70	✓	Implement lateral and inside fiber connection	8 hrs	Wed 1/26/11	100%	100%	Thu 1/27/11	8 hrs									
71	✓	Install network electronics (core, distribution and edge)	40 hrs	Thu 1/27/11	100%	100%	Thu 2/20/11	40 hrs									
72	✓	<b>Signoff acceptance</b>	<b>16 hrs</b>	<b>Thu 2/18/10</b>	<b>100%</b>	<b>100%</b>	<b>Fri 1/21/11</b>	<b>16 hrs</b>									
73	✓	As built drawings	8 hrs	Fri 1/21/11	100%	100%	Fri 1/21/11	8 hrs									
74	✓	Splicing diagram	2 hrs	Fri 1/21/11	100%	100%	Fri 1/21/11	2 hrs									
75	✓	Link loss report	2 hrs	Fri 1/21/11	100%	100%	Fri 1/21/11	2 hrs									
76	✓	Packing slips	2 hrs	Thu 2/18/10	100%	100%	Thu 2/18/10	2 hrs									
77	✓	Pre-test documentation	2 hrs	Thu 2/18/10	100%	100%	Thu 2/18/10	2 hrs									
78	✓	<b>Segment E-3 (RockCreek-Geneva)</b>	<b>516.67 hrs</b>	<b>Tue 2/16/10</b>	<b>100%</b>	<b>100%</b>	<b>Wed 12/22/10</b>	<b>19</b>	<b>516.67 hrs</b>								
79	✓	<b>Conduct site walkout</b>	<b>48 hrs</b>	<b>Fri 3/19/10</b>	<b>100%</b>	<b>100%</b>	<b>Wed 3/24/10</b>	<b>48 hrs</b>									
80	✓	<b>Aerial</b>	<b>24 hrs</b>	<b>Fri 3/19/10</b>	<b>100%</b>	<b>100%</b>	<b>Wed 3/24/10</b>	<b>24 hrs</b>									
81	✓	Obtain pole information	6 hrs	Fri 3/19/10	100%	100%	Wed 3/24/10	6 hrs									
82	✓	Gather pole birthmark (if available)	6 hrs	Fri 3/19/10	100%	100%	Wed 3/24/10	6 hrs									
83	✓	Obtain utility name who owns each pole	6 hrs	Fri 3/19/10	100%	100%	Wed 3/24/10	6 hrs									
84	✓	Measure individual utilities on poles	6 hrs	Fri 3/19/10	100%	100%	Wed 3/24/10	6 hrs									
85	✓	<b>Underground</b>	<b>24 hrs</b>	<b>Fri 3/19/10</b>	<b>100%</b>	<b>100%</b>	<b>Wed 3/24/10</b>	<b>24 hrs</b>									
86	✓	Identify underground locations	6 hrs	Fri 3/19/10	100%	100%	Wed 3/24/10	6 hrs									
87	✓	Identify riser poles	6 hrs	Fri 3/19/10	100%	100%	Wed 3/24/10	6 hrs									
88	✓	Location of pull vaults	6 hrs	Fri 3/19/10	100%	100%	Wed 3/24/10	6 hrs									
89	✓	Gather information on construction obstacles	6 hrs	Fri 3/19/10	100%	100%	Wed 3/24/10	6 hrs									
90	✓	Summarize walkout information and enter into CAD drawing	34 hrs	Fri 3/26/10	100%	100%	Tue 4/6/10	34 hrs									
91	✓	Verify field information	8.23 hrs	Mon 3/29/10	100%	100%	Tue 3/30/10	8.23 hrs									
92	✓	Define detailed project plan for aerial & underground work	12.33 hrs	Wed 3/31/10	100%	100%	Wed 3/31/10	12.33 hrs									
93	✓	<b>Aerial Approvals</b>	<b>11 hrs</b>	<b>Mon 4/19/10</b>	<b>100%</b>	<b>100%</b>	<b>Wed 10/20/10</b>	<b>11 hrs</b>									
94	✓	Submit pole information to utilities	10 hrs	Mon 4/19/10	100%	100%	Fri 4/30/10	10 hrs									
95	✓	Pay 100% of engineering invoice	0.5 hrs	Mon 6/4/10	100%	100%	Mon 6/4/10	0.5 hrs									
96	✓	Pay 100% of make-ready invoice	0.5 hrs	Mon 7/26/10	100%	100%	Mon 7/26/10	0.5 hrs									
97	✓	Conduct make-ready work	0 hrs	Tue 10/12/10	100%	100%	Tue 10/12/10	0 hrs									
98	✓	Receive approval to access poles	0 hrs	Wed 10/20/10	100%	100%	Wed 10/20/10	0 hrs									
99	✓	<b>Underground Approvals</b>	<b>0 hrs</b>	<b>Mon 4/26/10</b>	<b>100%</b>	<b>100%</b>	<b>Tue 4/27/10</b>	<b>0 hrs</b>									
100	✓	Submit underground information to municipalities, county	0 hrs	Mon 4/26/10	100%	100%	Tue 4/27/10	0 hrs									
101	✓	Pay 100% of permit cost	0 hrs	Tue 4/27/10	100%	100%	Tue 4/27/10	0 hrs									
102	✓	Receive underground permits	0 hrs	Tue 4/27/10	100%	100%	Tue 4/27/10	0 hrs									
103	✓	<b>Field Construction</b>	<b>393.03 hrs</b>	<b>Mon 5/17/10</b>	<b>100%</b>	<b>100%</b>	<b>Wed 12/22/10</b>	<b>393.03 hrs</b>									
104	✓	Conduct underground work	120 hrs	Mon 5/17/10	100%	100%	Mon 9/20/10	120 hrs				27137	27137				
105	✓	Conduct pole work	188 hrs	Wed 10/20/10	100%	100%	Mon 11/15/10	188 hrs	51970	56127							
106	✓	Test spliced fibers (entire segment)	5.03 hrs	Wed 12/15/10	100%	100%	Wed 12/15/10	5.03 hrs									
107	✓	Implement lateral and inside fiber connection	40 hrs	Wed 12/15/10	100%	100%	Wed 12/22/10	40 hrs									
108	✓	Install network electronics (core, distribution and edge)	40 hrs	Wed 12/15/10	100%	100%	Wed 12/22/10	40 hrs									
109	✓	<b>Signoff acceptance</b>	<b>16.67 hrs</b>	<b>Tue 2/16/10</b>	<b>100%</b>	<b>100%</b>	<b>Thu 12/16/10</b>	<b>16.67 hrs</b>									
110	✓	As built drawings	5.03 hrs	Wed 12/15/10	100%	100%	Thu 12/16/10	5.03 hrs									
111	✓	Splicing diagram	1.27 hrs	Wed 12/15/10	100%	100%	Wed 12/15/10	1.27 hrs									
112	✓	Link loss report	1.27 hrs	Wed 12/15/10	100%	100%	Wed 12/15/10	1.27 hrs									
113	✓	Packing slips	1.27 hrs	Tue 2/16/10	100%	100%	Tue 2/16/10	1.27 hrs									
114	✓	Pre-test documentation	1.27 hrs	Tue 2/16/10	100%	100%	Tue 2/16/10	1.27 hrs									
115	✓	<b>Segment E-4 (RockCreek-Jefferson)</b>	<b>882.85 hrs</b>	<b>Mon 3/15/10</b>	<b>100%</b>	<b>100%</b>	<b>Tue 1/4/11</b>	<b>18</b>	<b>882.85 hrs</b>								
116	✓	<b>Conduct site walkout</b>	<b>40 hrs</b>	<b>Mon 3/15/10</b>	<b>100%</b>	<b>100%</b>	<b>Fri 3/19/10</b>	<b>40 hrs</b>									
117	✓	<b>Aerial</b>	<b>20 hrs</b>	<b>Mon 3/15/10</b>	<b>100%</b>	<b>100%</b>	<b>Fri 3/19/10</b>	<b>20 hrs</b>									
118	✓	Obtain pole information	5 hrs	Mon 3/15/10	100%	100%	Fri 3/19/10	5 hrs									
119	✓	Gather pole birthmark (if available)	5 hrs	Mon 3/15/10	100%	100%	Fri 3/19/10	5 hrs									
120	✓	Obtain utility name who owns each pole	5 hrs	Mon 3/15/10	100%	100%	Fri 3/19/10	5 hrs									

ID	Name	Work	Start	% Work Complete	% Complete	Actual Finish	Fiber Miles	Actual Work	OH Strand	OH Fiber	UG Conduit Placed	UG Fiber Placed	2009 H1 H2	2010 H1 H2	2011 H1 H2	2012 H1 H2
121	Measure individual utilities on poles	5 hrs	Mon 3/15/10 100%	100%	Fri 3/19/10	5 hrs										
122	<b>Underground</b>	<b>20 hrs</b>	<b>Mon 3/15/10 100%</b>	<b>100%</b>	<b>Fri 3/19/10</b>	<b>20 hrs</b>										
123	Identify underground locations	5 hrs	Mon 3/15/10 100%	100%	Fri 3/19/10	5 hrs										
124	Identify riser poles	5 hrs	Mon 3/15/10 100%	100%	Fri 3/19/10	5 hrs										
125	Location of pull vaults	5 hrs	Mon 3/15/10 100%	100%	Fri 3/19/10	5 hrs										
126	Gather information on construction obstacles	5 hrs	Mon 3/15/10 100%	100%	Fri 3/19/10	5 hrs										
127	Summarize walkout information and enter into CAD drawing	48 hrs	Mon 3/22/10 100%	100%	Sun 4/25/10	48 hrs										
128	Verify field information	6.8 hrs	Mon 4/26/10 100%	100%	Mon 4/26/10	6.8 hrs										
129	Define detailed project plan for aerial & underground work	10.2 hrs	Mon 4/26/10 100%	100%	Tue 4/27/10	10.2 hrs										
130	<b>Aerial Approvals</b>	<b>35.45 hrs</b>	<b>Mon 4/19/10 100%</b>	<b>100%</b>	<b>Wed 11/17/10</b>	<b>35.45 hrs</b>										
131	Submit pole information to utilities	34.45 hrs	Mon 4/19/10 100%	100%	Mon 7/12/10	34.45 hrs										
132	Pay 100% of engineering invoice	0.5 hrs	Tue 8/24/10 100%	100%	Tue 8/24/10	0.5 hrs										
133	Pay 100% of make-ready invoice	0.5 hrs	Wed 10/6/10 100%	100%	Wed 10/6/10	0.5 hrs										
134	Conduct make-ready work	0 hrs	Wed 11/7/10 100%	100%	Wed 11/7/10	0 hrs										
135	Receive approval to access poles	0 hrs	Wed 11/7/10 100%	100%	Wed 11/7/10	0 hrs										
136	<b>Underground Approvals</b>	<b>6 hrs</b>	<b>Tue 4/27/10 100%</b>	<b>100%</b>	<b>Fri 4/30/10</b>	<b>6 hrs</b>										
137	Submit underground information to municipalities, county	2 hrs	Tue 4/27/10 100%	100%	Tue 4/27/10	2 hrs										
138	Pay 100% of permit cost	4 hrs	Tue 4/27/10 100%	100%	Tue 4/27/10	4 hrs										
139	Receive underground permits	0 hrs	Fri 4/30/10 100%	100%	Fri 4/30/10	0 hrs										
140	<b>Field Construction</b>	<b>642.8 hrs</b>	<b>Tue 5/4/10 100%</b>	<b>100%</b>	<b>Tue 1/4/11</b>	<b>642.8 hrs</b>										
141	Conduct underground work	404 hrs	Tue 5/4/10 100%	100%	Tue 8/17/10	404 hrs					36062	36062				
142	Conduct pole work	152 hrs	Thu 10/21/10 100%	100%	Tue 11/16/10	152 hrs		18066	19511							
143	Test spliced fibers (entire segment)	6.8 hrs	Wed 12/15/10 100%	100%	Wed 12/15/10	6.8 hrs										
144	Implement lateral and inside fiber connection	40 hrs	Tue 12/28/10 100%	100%	Tue 1/4/11	40 hrs										
145	Install network electronics (core, distribution and edge)	40 hrs	Mon 12/20/10 100%	100%	Mon 12/27/10	40 hrs										
146	<b>Signoff acceptance</b>	<b>13.6 hrs</b>	<b>Tue 3/16/10 100%</b>	<b>100%</b>	<b>Thu 12/16/10</b>	<b>13.6 hrs</b>										
147	As built drawings	6.8 hrs	Wed 12/15/10 100%	100%	Thu 12/16/10	6.8 hrs										
148	Splicing diagram	1.7 hrs	Wed 12/15/10 100%	100%	Thu 12/16/10	1.7 hrs										
149	Link loss report	1.7 hrs	Wed 12/15/10 100%	100%	Thu 12/16/10	1.7 hrs										
150	Packing slips	1.7 hrs	Tue 3/16/10 100%	100%	Tue 3/16/10	1.7 hrs										
151	Pre-test documentation	1.7 hrs	Tue 3/16/10 100%	100%	Tue 3/16/10	1.7 hrs										
152	<b>Western Zone</b>	<b>8,516.75 hrs</b>	<b>Mon 1/18/10 100%</b>	<b>100%</b>	<b>Fri 4/15/11</b>	<b>8,516.75 hrs</b>										
153	<b>Segment W-1 (Elyria-Sandusky)</b>	<b>2,360.58 hrs</b>	<b>Mon 1/18/10 100%</b>	<b>100%</b>	<b>Fri 1/14/11 51</b>	<b>2,360.58 hrs</b>										
154	<b>Conduct site walkout</b>	<b>168 hrs</b>	<b>Mon 1/18/10 100%</b>	<b>100%</b>	<b>Mon 2/15/10</b>	<b>168 hrs</b>										
155	<b>Aerial</b>	<b>84 hrs</b>	<b>Mon 1/18/10 100%</b>	<b>100%</b>	<b>Mon 2/15/10</b>	<b>84 hrs</b>										
156	Obtain pole information	21 hrs	Mon 1/18/10 100%	100%	Mon 2/15/10	21 hrs										
157	Gather pole birthmark (if available)	21 hrs	Mon 1/18/10 100%	100%	Mon 2/15/10	21 hrs										
158	Obtain utility name who owns each pole	21 hrs	Mon 1/18/10 100%	100%	Mon 2/15/10	21 hrs										
159	Measure individual utilities on poles	21 hrs	Mon 1/18/10 100%	100%	Mon 2/15/10	21 hrs										
160	<b>Underground</b>	<b>84 hrs</b>	<b>Mon 1/18/10 100%</b>	<b>100%</b>	<b>Mon 2/15/10</b>	<b>84 hrs</b>										
161	Identify underground locations	21 hrs	Mon 1/18/10 100%	100%	Mon 2/15/10	21 hrs										
162	Identify riser poles	21 hrs	Mon 1/18/10 100%	100%	Mon 2/15/10	21 hrs										
163	Location of pull vaults	21 hrs	Mon 1/18/10 100%	100%	Mon 2/15/10	21 hrs										
164	Gather information on construction obstacles	21 hrs	Mon 1/18/10 100%	100%	Mon 2/15/10	21 hrs										
165	Summarize walkout information and enter into CAD drawing	112 hrs	Mon 2/15/10 100%	100%	Wed 3/3/10	112 hrs										
166	Verify field information	28.3 hrs	Thu 3/4/10 100%	100%	Tue 3/9/10	28.3 hrs										
167	Define detailed project plan for aerial & underground work	42.45 hrs	Tue 3/9/10 100%	100%	Tue 3/16/10	42.45 hrs										
168	<b>Aerial Approvals</b>	<b>44.5 hrs</b>	<b>Wed 4/7/10 100%</b>	<b>100%</b>	<b>Fri 8/27/10</b>	<b>44.5 hrs</b>										
169	Submit pole information to utilities	40 hrs	Wed 4/7/10 100%	100%	Tue 5/4/10	40 hrs										
170	Pay 100% of engineering invoice	4 hrs	Wed 7/14/10 100%	100%	Wed 7/14/10	4 hrs										
171	Pay 100% of make-ready invoice	0.5 hrs	Wed 8/25/10 100%	100%	Wed 8/25/10	0.5 hrs										
172	Conduct make-ready work	0 hrs	Wed 8/25/10 100%	100%	Wed 8/25/10	0 hrs										
173	Receive approval to access poles	0 hrs	Fri 8/27/10 100%	100%	Fri 8/27/10	0 hrs										
174	<b>Underground Approvals</b>	<b>10 hrs</b>	<b>Thu 4/1/10 100%</b>	<b>100%</b>	<b>Fri 4/9/10</b>	<b>10 hrs</b>										
175	Submit underground information to municipalities, county	10 hrs	Thu 4/1/10 100%	100%	Mon 4/5/10	10 hrs										
176	Pay 100% of permit cost	0 hrs	Fri 4/2/10 100%	100%	Fri 4/2/10	0 hrs										
177	Receive underground permits	0 hrs	Fri 4/9/10 100%	100%	Fri 4/9/10	0 hrs										
178	<b>Field Construction</b>	<b>1,905 hrs</b>	<b>Thu 4/29/10 100%</b>	<b>100%</b>	<b>Fri 1/7/11</b>	<b>1,905 hrs</b>										
179	Conduct underground work	573 hrs	Thu 4/29/10 100%	100%	Thu 8/19/10	573 hrs					41266	46217				
180	Conduct pole work	1,268 hrs	Mon 8/30/10 100%	100%	Wed 12/29/10	1,268 hrs		208354	225022							
181	Test spliced fibers (entire segment)	4 hrs	Thu 12/30/10 100%	100%	Thu 12/30/10	4 hrs										
182	Implement lateral and inside fiber connection	20 hrs	Mon 11/8/10 100%	100%	Wed 11/10/10	20 hrs										
183	Install network electronics (core, distribution and edge)	40 hrs	Fri 12/31/10 100%	100%	Fri 1/7/11	40 hrs										
184	<b>Signoff acceptance</b>	<b>50.33 hrs</b>	<b>Wed 5/12/10 100%</b>	<b>100%</b>	<b>Fri 1/14/11</b>	<b>50.33 hrs</b>										
185	As built drawings	25.17 hrs	Fri 1/7/11 100%	100%	Wed 1/12/11	25.17 hrs										
186	Splicing diagram	6.28 hrs	Wed 1/12/11 100%	100%	Thu 1/13/11	6.28 hrs										
187	Link loss report	6.28 hrs	Thu 1/13/11 100%	100%	Fri 1/14/11	6.28 hrs										
188	Packing slips	6.28 hrs	Wed 5/12/10 100%	100%	Wed 5/12/10	6.28 hrs										
189	Pre-test documentation	6.28 hrs	Wed 5/12/10 100%	100%	Wed 5/12/10	6.28 hrs										
190	<b>Segment W-2 (Sandusky-Clyde)</b>	<b>1,257.22 hrs</b>	<b>Wed 2/3/10 100%</b>	<b>100%</b>	<b>Tue 1/11/11 33</b>	<b>1,257.22 hrs</b>										
191	<b>Conduct site walkout</b>	<b>96 hrs</b>	<b>Wed 2/3/10 100%</b>	<b>100%</b>	<b>Fri 3/12/10</b>	<b>96 hrs</b>										
192	<b>Aerial</b>	<b>48 hrs</b>	<b>Wed 2/3/10 100%</b>	<b>100%</b>	<b>Fri 3/12/10</b>	<b>48 hrs</b>										
193	Obtain pole information	12 hrs	Wed 2/3/10 100%	100%	Fri 3/12/10	12 hrs										
194	Gather pole birthmark (if available)	12 hrs	Wed 2/3/10 100%	100%	Fri 3/12/10	12 hrs										
195	Obtain utility name who owns each pole	12 hrs	Wed 2/3/10 100%	100%	Fri 3/12/10	12 hrs										
196	Measure individual utilities on poles	12 hrs	Wed 2/3/10 100%	100%	Fri 3/12/10	12 hrs										
197	<b>Underground</b>	<b>48 hrs</b>	<b>Wed 2/3/10 100%</b>	<b>100%</b>	<b>Fri 3/12/10</b>	<b>48 hrs</b>										
198	Identify underground locations	12 hrs	Wed 2/3/10 100%	100%	Fri 3/12/10	12 hrs										
199	Identify riser poles	12 hrs	Wed 2/3/10 100%	100%	Fri 3/12/10	12 hrs										
200	Location of pull vaults	12 hrs	Wed 2/3/10 100%	100%	Fri 3/12/10	12 hrs										

ID	Name	Work	Start	% Work Complete	% Complete	Actual Finish	Fiber Miles	Actual Work	OH Strand	OH Fiber	UG Conduit Placed	UG Fiber Placed	2009		2010	2011	2012
													H1	H2	H1	H2	H1
201	Gather information on construction obstacles	12 hrs	Wed 2/3/10	100%	100%	Fri 3/12/10		12 hrs									WGLJW2[6%]
202	Summarize walkout information and enter into CAD drawing	51 hrs	Thu 2/18/10	100%	100%	Thu 3/18/10		51 hrs									WGLJW2[35%]
203	Verify field information	18.25 hrs	Mon 3/22/10	100%	100%	Wed 3/24/10		18.25 hrs									WIC-CM1
204	Define detailed project plan for aerial & underground work	27.38 hrs	Mon 3/24/10	100%	100%	Mon 3/29/10		27.38 hrs									WIC-CM1,PM1,W
205	Aerial Approvals	16 hrs	Mon 4/19/10	100%	100%	Tue 4/27/10		16 hrs									EIC-CM1[23%]
206	Submit pole information to utilities	16 hrs	Mon 4/19/10	100%	100%	Tue 4/27/10		16 hrs									
207	Pay 100% of engineering invoice	0 hrs	Mon 4/19/10	100%	100%	Mon 4/19/10		0 hrs									
208	Pay 100% of make-ready invoice	0 hrs	Mon 4/19/10	100%	100%	Mon 4/19/10		0 hrs									
209	Conduct make-ready work	0 hrs	Mon 4/19/10	100%	100%	Mon 4/19/10		0 hrs									
210	Receive approval to access poles	0 hrs	Mon 4/19/10	100%	100%	Mon 4/19/10		0 hrs									
211	Underground Approvals	10 hrs	Thu 4/1/10	100%	100%	Fri 4/9/10		10 hrs									EIC-CM1
212	Submit underground information to municipalities, count	10 hrs	Thu 4/1/10	100%	100%	Mon 4/5/10		10 hrs									
213	Pay 100% of permit cost	0 hrs	Fri 4/2/10	100%	100%	Fri 4/2/10		0 hrs									
214	Receive underground permits	0 hrs	Fri 4/9/10	100%	100%	Fri 4/9/10		0 hrs									
215	Field Construction	1,016 hrs	Mon 3/15/10	100%	100%	Tue 1/11/11		1,016 hrs									
216	Conduct underground work	552 hrs	Wed 5/26/10	100%	100%	Tue 12/14/10		552 hrs			42481	47578					WGLJW2[40%]
217	Conduct pole work	420 hrs	Mon 3/15/10	100%	100%	Wed 12/29/10		420 hrs	83097	89744							WGLJW1,WN
218	Test spliced fibers (entire segment)	4 hrs	Tue 1/4/11	100%	100%	Tue 1/4/11		4 hrs									WGLJW5P1
219	Install network electronics (core, distribution and edge)	40 hrs	Tue 1/4/11	100%	100%	Tue 1/11/11		40 hrs									1C-FE1
220	Signoff acceptance	22.58 hrs	Sun 3/7/10	100%	100%	Wed 1/5/11		22.58 hrs									
221	As built drawings	11.3 hrs	Tue 1/4/11	100%	100%	Wed 1/5/11		11.3 hrs									WIC-CM1
222	Splicing diagram	2.82 hrs	Tue 1/4/11	100%	100%	Tue 1/4/11		2.82 hrs									WIC-CM1
223	Link loss report	2.82 hrs	Tue 1/4/11	100%	100%	Tue 1/4/11		2.82 hrs									WIC-CM1
224	Packing slips	2.82 hrs	Wed 3/17/10	100%	100%	Wed 3/17/10		2.82 hrs									
225	Pre-test documentation	2.82 hrs	Sun 3/7/10	100%	100%	Sun 3/7/10		2.82 hrs									WIC-CM1
226	Segment W-3 (Clyde - Fremont)	464.37 hrs	Wed 2/10/10	100%	100%	Fri 12/17/10	12	464.37 hrs									WIC-CM1
227	Conduct site walkout	46 hrs	Wed 2/10/10	100%	100%	Tue 3/2/10		46 hrs									12/17
228	Aerial	23 hrs	Wed 2/10/10	100%	100%	Tue 3/2/10		23 hrs									
229	Obtain pole information	5.75 hrs	Wed 2/10/10	100%	100%	Tue 3/2/10		5.75 hrs									WGLJW1[5%]
230	Gather pole birthmark (if available)	5.75 hrs	Wed 2/10/10	100%	100%	Tue 3/2/10		5.75 hrs									WGLJW1[5%]
231	Obtain utility name who owns each pole	5.75 hrs	Wed 2/10/10	100%	100%	Tue 3/2/10		5.75 hrs									WGLJW1[5%]
232	Measure individual utilities on poles	5.75 hrs	Wed 2/10/10	100%	100%	Tue 3/2/10		5.75 hrs									WGLJW1[5%]
233	Underground	23 hrs	Wed 2/10/10	100%	100%	Tue 3/2/10		23 hrs									
234	Identify underground locations	5.75 hrs	Wed 2/10/10	100%	100%	Tue 3/2/10		5.75 hrs									WGLJW2[5%]
235	Identify riser poles	5.75 hrs	Wed 2/10/10	100%	100%	Tue 3/2/10		5.75 hrs									WGLJW2[5%]
236	Location of pull vaults	5.75 hrs	Wed 2/10/10	100%	100%	Tue 3/2/10		5.75 hrs									WGLJW2[5%]
237	Gather information on construction obstacles	5.75 hrs	Wed 2/10/10	100%	100%	Tue 3/2/10		5.75 hrs									WGLJW2[5%]
238	Summarize walkout information and enter into CAD drawing	40 hrs	Thu 2/25/10	100%	100%	Wed 3/3/10		40 hrs									WGLJW2[125%]
239	Verify field information	6.9 hrs	Thu 3/4/10	100%	100%	Thu 3/4/10		6.9 hrs									WIC-CM1
240	Define detailed project plan for aerial & underground work	10.33 hrs	Thu 3/4/10	100%	100%	Tue 3/9/10		10.33 hrs									WIC-CM1[21%],PA
241	Aerial Approvals	10.5 hrs	Mon 4/19/10	100%	100%	Wed 9/8/10		10.5 hrs									
242	Submit pole information to utilities	6 hrs	Mon 4/19/10	100%	100%	Tue 4/27/10		6 hrs									EIC-CM1[23%]
243	Pay 100% of engineering invoice	4 hrs	Wed 7/7/10	100%	100%	Wed 7/7/10		4 hrs									1C-F1
244	Pay 100% of make-ready invoice	0.5 hrs	Wed 8/18/10	100%	100%	Wed 8/18/10		0.5 hrs									1C-F1
245	Conduct make-ready work	0 hrs	Fri 8/27/10	100%	100%	Fri 8/27/10		0 hrs									
246	Receive approval to access poles	0 hrs	Wed 9/8/10	100%	100%	Wed 9/8/10		0 hrs									
247	Underground Approvals	0 hrs	Thu 4/1/10	100%	100%	Wed 4/28/10		0 hrs									EIC-CM1
248	Submit underground information to municipalities, count	0 hrs	Thu 4/1/10	100%	100%	Mon 4/5/10		0 hrs									
249	Pay 100% of permit cost	0 hrs	Wed 4/21/10	100%	100%	Wed 4/21/10		0 hrs									
250	Receive underground permits	0 hrs	Wed 4/28/10	100%	100%	Wed 4/28/10		0 hrs									
251	Field Construction	334.22 hrs	Wed 3/3/10	100%	100%	Fri 12/17/10		334.22 hrs									
252	Conduct underground work	50 hrs	Tue 5/25/10	100%	100%	Tue 9/14/10		50 hrs									WGLJW2
253	Conduct pole work	196 hrs	Wed 3/3/10	100%	100%	Wed 12/8/10		196 hrs			63912	71581					WGLJW1,WC
254	Test spliced fibers (entire segment)	8.22 hrs	Thu 12/9/10	100%	100%	Fri 12/10/10		8.22 hrs									WGLJW5P1
255	Implement lateral and inside fiber connection	40 hrs	Fri 12/10/10	100%	100%	Fri 12/17/10		40 hrs									WGLJW1
256	Install network electronics (core, distribution and edge)	40 hrs	Fri 12/10/10	100%	100%	Fri 12/17/10		40 hrs									1C-FE1
257	Signoff acceptance	16.42 hrs	Fri 3/19/10	100%	100%	Mon 12/13/10		16.42 hrs									
258	As built drawings	8.22 hrs	Fri 12/10/10	100%	100%	Mon 12/13/10		8.22 hrs									
259	Splicing diagram	2.05 hrs	Fri 12/10/10	100%	100%	Fri 12/10/10		2.05 hrs									WIC-CM1
260	Link loss report	2.05 hrs	Fri 12/10/10	100%	100%	Fri 12/10/10		2.05 hrs									WIC-CM1
261	Packing slips	2.05 hrs	Fri 3/19/10	100%	100%	Mon 3/22/10		2.05 hrs									WIC-CM1
262	Pre-test documentation	2.05 hrs	Fri 3/19/10	100%	100%	Mon 3/22/10		2.05 hrs									WIC-CM1
263	Segment W-4 (Fremont-Port Clinton)	1,352.8 hrs	Tue 2/23/10	100%	100%	Fri 2/18/11	20	1,352.8 hrs									2/18
264	Conduct site walkout	72 hrs	Tue 2/23/10	100%	100%	Wed 3/3/10		72 hrs									
265	Aerial	36 hrs	Tue 2/23/10	100%	100%	Wed 3/3/10		36 hrs									
266	Obtain pole information	9 hrs	Tue 2/23/10	100%	100%	Wed 3/3/10		9 hrs									WGLJW1[19%]
267	Gather pole birthmark (if available)	9 hrs	Tue 2/23/10	100%	100%	Wed 3/3/10		9 hrs									WGLJW1[19%]
268	Obtain utility name who owns each pole	9 hrs	Tue 2/23/10	100%	100%	Wed 3/3/10		9 hrs									WGLJW1[19%]
269	Measure individual utilities on poles	9 hrs	Tue 2/23/10	100%	100%	Wed 3/3/10		9 hrs									WGLJW1[19%]
270	Underground	36 hrs	Tue 2/23/10	100%	100%	Wed 3/3/10		36 hrs									
271	Identify underground locations	9 hrs	Tue 2/23/10	100%	100%	Wed 3/3/10		9 hrs									WGLJW2[19%]
272	Identify riser poles	9 hrs	Tue 2/23/10	100%	100%	Wed 3/3/10		9 hrs									WGLJW2[19%]
273	Location of pull vaults	9 hrs	Tue 2/23/10	100%	100%	Wed 3/3/10		9 hrs									WGLJW2[19%]
274	Gather information on construction obstacles	9 hrs	Tue 2/23/10	100%	100%	Wed 3/3/10		9 hrs									WGLJW2[19%]
275	Summarize walkout information and enter into CAD drawing	80 hrs	Thu 3/4/10	100%	100%	Wed 3/10/10		80 hrs									WGLJW1[200%]
276	Verify field information	11.1 hrs	Thu 3/11/10	100%	100%	Mon 3/15/10		11.1 hrs									WIC-CM1
277	Define detailed project plan for aerial & underground work	16.67 hrs	Mon 3/15/10	100%	100%	Fri 3/19/10		16.67 hrs									WIC-CM1[23%],PA
278	Aerial Approvals	19.5 hrs	Mon 4/19/10	100%	100%	Thu 10/14/10		19.5 hrs									
279	Submit pole information to utilities	15 hrs	Mon 4/19/10	100%	100%	Tue 4/27/10		15 hrs									EIC-CM1[25%]
280	Pay 100% of engineering invoice	4 hrs	Tue 7/20/10	100%	100%	Tue 7/20/10		4 hrs									1C-F1

ID	Name	Work	Start	% Work Complete	% Complete	Actual Finish	Fiber Miles	Actual Work	OH Strand	OH Fiber	UG Conduit Placed	UG Fiber Placed	2009 H1 H2	2010 H1 H2	2011 H1 H2	2012 H1 H2
281	Pay 100% of make-ready invoice	0.5 hrs	Wed 9/1/10	100%	100%	Wed 9/1/10	0.5 hrs									
282	Conduct make-ready work	0 hrs	Thu 10/14/10	100%	100%	Thu 10/14/10	0 hrs									
283	Receive approval to access poles	0 hrs	Thu 10/14/10	100%	100%	Thu 10/14/10	0 hrs									
284	<b>Underground Approvals</b>	<b>0 hrs</b>	<b>Thu 4/1/10</b>	<b>100%</b>	<b>100%</b>	<b>Thu 4/15/10</b>	<b>0 hrs</b>									
285	Submit underground information to municipalities, county	0 hrs	Thu 4/1/10	100%	100%	Mon 4/5/10	0 hrs									
286	Pay 100% of permit cost	0 hrs	Mon 4/12/10	100%	100%	Mon 4/12/10	0 hrs									
287	Receive underground permits	0 hrs	Thu 4/15/10	100%	100%	Thu 4/15/10	0 hrs									
288	<b>Field Construction</b>	<b>1,133.85 hrs</b>	<b>Tue 6/15/10</b>	<b>100%</b>	<b>100%</b>	<b>Fri 2/18/11</b>	<b>1,133.85 hrs</b>									
289	Conduct underground work	389 hrs	Tue 6/15/10	100%	100%	Wed 2/2/11	389 hrs				21018	23540				
290	Conduct pole work	655 hrs	Thu 9/9/10	100%	100%	Fri 12/17/10	655 hrs	92980	106927							
291	Test spliced fibers (entire segment)	9.85 hrs	Thu 2/3/11	100%	100%	Fri 2/4/11	9.85 hrs									
292	Implement lateral and inside fiber connection	40 hrs	Fri 2/4/11	100%	100%	Fri 2/11/11	40 hrs									
293	Install network electronics (core, distribution and edge)	40 hrs	Fri 2/11/11	100%	100%	Fri 2/18/11	40 hrs									
294	<b>Signoff acceptance</b>	<b>19.68 hrs</b>	<b>Thu 3/11/10</b>	<b>100%</b>	<b>100%</b>	<b>Mon 2/7/11</b>	<b>19.68 hrs</b>									
295	As built drawings	9.85 hrs	Fri 2/4/11	100%	100%	Mon 2/7/11	9.85 hrs									
296	Splicing diagram	2.47 hrs	Fri 2/4/11	100%	100%	Fri 2/4/11	2.47 hrs									
297	Link loss report	2.47 hrs	Fri 2/4/11	100%	100%	Fri 2/4/11	2.47 hrs									
298	Packing slips	2.47 hrs	Thu 3/11/10	100%	100%	Thu 3/11/10	2.47 hrs									
299	Pre-test documentation	2.47 hrs	Thu 3/11/10	100%	100%	Thu 3/11/10	2.47 hrs									
300	<b>Segment W-5 (Clyde-Bellevue)</b>	<b>396.25 hrs</b>	<b>Thu 3/4/10</b>	<b>100%</b>	<b>100%</b>	<b>Thu 1/6/11</b>	<b>396.25 hrs</b>									
301	<b>Conduct site walkout</b>	<b>40 hrs</b>	<b>Thu 3/4/10</b>	<b>100%</b>	<b>100%</b>	<b>Tue 3/9/10</b>	<b>40 hrs</b>									
302	<b>Aerial</b>	<b>20 hrs</b>	<b>Thu 3/4/10</b>	<b>100%</b>	<b>100%</b>	<b>Tue 3/9/10</b>	<b>20 hrs</b>									
303	Obtain pole information	5 hrs	Thu 3/4/10	100%	100%	Tue 3/9/10	5 hrs									
304	Gather pole birthmark (if available)	5 hrs	Thu 3/4/10	100%	100%	Tue 3/9/10	5 hrs									
305	Obtain utility name who owns each pole	5 hrs	Thu 3/4/10	100%	100%	Tue 3/9/10	5 hrs									
306	Measure individual utilities on poles	5 hrs	Thu 3/4/10	100%	100%	Tue 3/9/10	5 hrs									
307	<b>Underground</b>	<b>20 hrs</b>	<b>Thu 3/4/10</b>	<b>100%</b>	<b>100%</b>	<b>Tue 3/9/10</b>	<b>20 hrs</b>									
308	Identify underground locations	5 hrs	Thu 3/4/10	100%	100%	Tue 3/9/10	5 hrs									
309	Identify riser poles	5 hrs	Thu 3/4/10	100%	100%	Tue 3/9/10	5 hrs									
310	Location of pull vaults	5 hrs	Thu 3/4/10	100%	100%	Tue 3/9/10	5 hrs									
311	Gather information on construction obstacles	5 hrs	Thu 3/4/10	100%	100%	Tue 3/9/10	5 hrs									
312	Summarize walkout information and enter into CAD drawing	32 hrs	Sun 3/7/10	100%	100%	Thu 3/11/10	32 hrs									
313	Verify field information	8 hrs	Mon 3/15/10	100%	100%	Mon 3/22/10	8 hrs									
314	Define detailed project plan for aerial & underground work	5.87 hrs	Wed 3/17/10	100%	100%	Mon 3/22/10	5.87 hrs									
315	<b>Aerial Approvals</b>	<b>20.5 hrs</b>	<b>Mon 4/19/10</b>	<b>100%</b>	<b>100%</b>	<b>Fri 11/12/10</b>	<b>20.5 hrs</b>									
316	Submit pole information to utilities	16 hrs	Mon 4/19/10	100%	100%	Tue 4/27/10	16 hrs									
317	Pay 100% of engineering invoice	4 hrs	Wed 8/18/10	100%	100%	Wed 8/18/10	4 hrs									
318	Pay 100% of make-ready invoice	0.5 hrs	Fri 10/1/10	100%	100%	Fri 10/1/10	0.5 hrs									
319	Conduct make-ready work	0 hrs	Fri 11/12/10	100%	100%	Fri 11/12/10	0 hrs									
320	Receive approval to access poles	0 hrs	Fri 11/12/10	100%	100%	Fri 11/12/10	0 hrs									
321	<b>Underground Approvals</b>	<b>0 hrs</b>	<b>Thu 4/1/10</b>	<b>100%</b>	<b>100%</b>	<b>Wed 4/21/10</b>	<b>0 hrs</b>									
322	Submit underground information to municipalities, county	0 hrs	Thu 4/1/10	100%	100%	Mon 4/5/10	0 hrs									
323	Pay 100% of permit cost	0 hrs	Wed 4/14/10	100%	100%	Wed 4/14/10	0 hrs									
324	Receive underground permits	0 hrs	Wed 4/21/10	100%	100%	Wed 4/21/10	0 hrs									
325	<b>Field Construction</b>	<b>279 hrs</b>	<b>Mon 8/9/10</b>	<b>100%</b>	<b>100%</b>	<b>Thu 1/6/11</b>	<b>279 hrs</b>									
326	Conduct underground work	0 hrs	Mon 8/16/10	100%	100%	Mon 8/16/10	0 hrs									
327	Conduct pole work	195 hrs	Mon 8/9/10	100%	100%	Fri 10/22/10	195 hrs	28180	31180							
328	Test spliced fibers (entire segment)	4 hrs	Thu 12/30/10	100%	100%	Thu 12/30/10	4 hrs									
329	Implement lateral and inside fiber connection	40 hrs	Thu 12/30/10	100%	100%	Thu 1/6/11	40 hrs									
330	Install network electronics (core, distribution and edge)	40 hrs	Thu 12/30/10	100%	100%	Thu 1/6/11	40 hrs									
331	<b>Signoff acceptance</b>	<b>10.88 hrs</b>	<b>Wed 4/7/10</b>	<b>100%</b>	<b>100%</b>	<b>Fri 12/31/10</b>	<b>10.88 hrs</b>									
332	As built drawings	5.43 hrs	Thu 12/30/10	100%	100%	Fri 12/31/10	5.43 hrs									
333	Splicing diagram	1.37 hrs	Thu 12/30/10	100%	100%	Thu 12/30/10	1.37 hrs									
334	Link loss report	1.37 hrs	Thu 12/30/10	100%	100%	Thu 12/30/10	1.37 hrs									
335	Packing slips	1.37 hrs	Wed 4/7/10	100%	100%	Wed 4/7/10	1.37 hrs									
336	Pre-test documentation	1.37 hrs	Wed 4/7/10	100%	100%	Wed 4/7/10	1.37 hrs									
337	<b>Segment W-6 (Bellevue-Illorwalk)</b>	<b>944.93 hrs</b>	<b>Wed 3/3/10</b>	<b>100%</b>	<b>100%</b>	<b>Fri 4/15/11</b>	<b>944.93 hrs</b>									
338	<b>Conduct site walkout</b>	<b>50 hrs</b>	<b>Wed 3/3/10</b>	<b>100%</b>	<b>100%</b>	<b>Sun 3/7/10</b>	<b>50 hrs</b>									
339	<b>Aerial</b>	<b>25 hrs</b>	<b>Wed 3/3/10</b>	<b>100%</b>	<b>100%</b>	<b>Sun 3/7/10</b>	<b>25 hrs</b>									
340	Obtain pole information	6.25 hrs	Wed 3/3/10	100%	100%	Sun 3/7/10	6.25 hrs									
341	Gather pole birthmark (if available)	6.25 hrs	Wed 3/3/10	100%	100%	Sun 3/7/10	6.25 hrs									
342	Obtain utility name who owns each pole	6.25 hrs	Wed 3/3/10	100%	100%	Sun 3/7/10	6.25 hrs									
343	Measure individual utilities on poles	6.25 hrs	Wed 3/3/10	100%	100%	Sun 3/7/10	6.25 hrs									
344	<b>Underground</b>	<b>25 hrs</b>	<b>Wed 3/3/10</b>	<b>100%</b>	<b>100%</b>	<b>Sun 3/7/10</b>	<b>25 hrs</b>									
345	Identify underground locations	6.25 hrs	Wed 3/3/10	100%	100%	Sun 3/7/10	6.25 hrs									
346	Identify riser poles	6.25 hrs	Wed 3/3/10	100%	100%	Sun 3/7/10	6.25 hrs									
347	Location of pull vaults	6.25 hrs	Wed 3/3/10	100%	100%	Sun 3/7/10	6.25 hrs									
348	Gather information on construction obstacles	6.25 hrs	Wed 3/3/10	100%	100%	Sun 3/7/10	6.25 hrs									
349	Summarize walkout information and enter into CAD drawing	28 hrs	Fri 3/19/10	100%	100%	Tue 3/23/10	28 hrs									
350	Verify field information	9.67 hrs	Thu 4/1/10	100%	100%	Mon 4/5/10	9.67 hrs									
351	Define detailed project plan for aerial & underground work	14.48 hrs	Mon 4/5/10	100%	100%	Fri 4/9/10	14.48 hrs									
352	<b>Aerial Approvals</b>	<b>19.5 hrs</b>	<b>Thu 5/6/10</b>	<b>100%</b>	<b>100%</b>	<b>Mon 10/11/10</b>	<b>19.5 hrs</b>									
353	Submit pole information to utilities	15 hrs	Thu 5/6/10	100%	100%	Tue 5/18/10	15 hrs									
354	Pay 100% of engineering invoice	4 hrs	Fri 7/16/10	100%	100%	Fri 7/16/10	4 hrs									
355	Pay 100% of make-ready invoice	0.5 hrs	Fri 8/27/10	100%	100%	Fri 8/27/10	0.5 hrs									
356	Conduct make-ready work	0 hrs	Mon 10/11/10	100%	100%	Mon 10/11/10	0 hrs									
357	Receive approval to access poles	0 hrs	Mon 10/11/10	100%	100%	Mon 10/11/10	0 hrs									
358	<b>Underground Approvals</b>	<b>0 hrs</b>	<b>Wed 7/7/10</b>	<b>100%</b>	<b>100%</b>	<b>Tue 7/20/10</b>	<b>0 hrs</b>									
359	Submit underground information to municipalities, county	0 hrs	Wed 7/7/10	100%	100%	Wed 7/7/10	0 hrs									
360	Pay 100% of permit cost	0 hrs	Mon 7/12/10	100%	100%	Mon 7/12/10	0 hrs									

ID	Name	Work	Start	% Work Complete	% Complete	Actual Finish	Fiber Miles	Actual Work	OH Strand	OH Fiber	UC Conduit Placed	UC Fiber Placed	2009 H1 H2	2010 H1 H2	2011 H1 H2	2012 H1 H2
361	Receive underground permits	0 hrs	Tue 7/20/10	100%	100%	Tue 7/20/10	0 hrs									
362	<b>Field Construction</b>	<b>804 hrs</b>	<b>Thu 7/22/10</b>	<b>100%</b>	<b>100%</b>	<b>Fri 4/15/11</b>	<b>804 hrs</b>									
363	Conduct underground work	247 hrs	Thu 7/22/10	100%	100%	Fri 4/15/11	247 hrs				13537	14620				
364	Conduct pole work	483 hrs	Mon 9/27/10	100%	100%	Tue 12/14/10	483 hrs		97568	105373						
365	Test spliced fibers (entire segment)	4 hrs	Mon 1/9/11	100%	100%	Mon 1/9/11	4 hrs									
366	Implement lateral and inside fiber connection	30 hrs	Tue 1/11/11	100%	100%	Mon 1/17/11	30 hrs									
367	Install network electronics (core, distribution and edge)	40 hrs	Fri 1/7/11	100%	100%	Fri 1/14/11	40 hrs									
368	<b>Signoff acceptance</b>	<b>19.3 hrs</b>	<b>Wed 4/14/10</b>	<b>100%</b>	<b>100%</b>	<b>Fri 1/7/11</b>	<b>19.3 hrs</b>									
369	As built drawings	9.67 hrs	Mon 1/9/11	100%	100%	Tue 1/4/11	9.67 hrs									
370	Splicing diagram	2.42 hrs	Fri 1/7/11	100%	100%	Fri 1/7/11	2.42 hrs									
371	Link loss report	2.42 hrs	Fri 1/7/11	100%	100%	Fri 1/7/11	2.42 hrs									
372	Packing slips	2.42 hrs	Wed 4/14/10	100%	100%	Wed 4/14/10	2.42 hrs									
373	Pre-test documentation	2.42 hrs	Wed 4/14/10	100%	100%	Wed 4/14/10	2.42 hrs									
374	<b>Segment W-7 (Norwalk - Ashland)</b>	<b>1,740.62 hrs</b>	<b>Wed 2/24/10</b>	<b>100%</b>	<b>100%</b>	<b>Wed 1/19/11</b>	<b>1,740.62 hrs</b>									
375	<b>Conduct site walkout</b>	<b>96 hrs</b>	<b>Wed 2/24/10</b>	<b>100%</b>	<b>100%</b>	<b>Wed 3/10/10</b>	<b>96 hrs</b>									
376	<b>Aerial</b>	<b>48 hrs</b>	<b>Wed 2/24/10</b>	<b>100%</b>	<b>100%</b>	<b>Wed 3/10/10</b>	<b>48 hrs</b>									
377	Obtain pole information	12 hrs	Wed 2/24/10	100%	100%	Wed 3/10/10	12 hrs									
378	Gather pole bathmark (if available)	12 hrs	Wed 2/24/10	100%	100%	Wed 3/10/10	12 hrs									
379	Obtain utility name who owns each pole	12 hrs	Wed 2/24/10	100%	100%	Wed 3/10/10	12 hrs									
380	Measure individual utilities on poles	12 hrs	Wed 2/24/10	100%	100%	Wed 3/10/10	12 hrs									
381	<b>Underground</b>	<b>48 hrs</b>	<b>Wed 2/24/10</b>	<b>100%</b>	<b>100%</b>	<b>Wed 3/10/10</b>	<b>48 hrs</b>									
382	Identify underground locations	12 hrs	Wed 2/24/10	100%	100%	Wed 3/10/10	12 hrs									
383	Identify riser poles	12 hrs	Wed 2/24/10	100%	100%	Wed 3/10/10	12 hrs									
384	Location of pull vaults	12 hrs	Wed 2/24/10	100%	100%	Wed 3/10/10	12 hrs									
385	Gather information on construction obstacles	12 hrs	Wed 2/24/10	100%	100%	Wed 3/10/10	12 hrs									
386	Summarize walkout information and enter into CAD drawing	86 hrs	Thu 4/15/10	100%	100%	Tue 4/20/10	86 hrs									
387	Verify field information	20.25 hrs	Wed 4/21/10	100%	100%	Fri 4/23/10	20.25 hrs									
388	Define detailed project plan for aerial & underground work	30.36 hrs	Fri 4/23/10	100%	100%	Sat 4/24/10	30.36 hrs									
389	<b>Aerial Approvals</b>	<b>20.5 hrs</b>	<b>Mon 7/19/10</b>	<b>100%</b>	<b>100%</b>	<b>Mon 10/25/10</b>	<b>20.5 hrs</b>									
390	Submit pole information to utilities	16 hrs	Mon 7/19/10	100%	100%	Thu 7/29/10	16 hrs									
391	Pay 100% of engineering invoice	4 hrs	Fri 9/10/10	100%	100%	Mon 9/13/10	4 hrs									
392	Pay 100% of make-ready invoice	0.5 hrs	Mon 10/25/10	100%	100%	Mon 10/25/10	0.5 hrs									
393	Conduct make-ready work	0 hrs	Wed 10/20/10	100%	100%	Wed 10/20/10	0 hrs									
394	Receive approval to access poles	0 hrs	Wed 10/20/10	100%	100%	Wed 10/20/10	0 hrs									
395	<b>Underground Approvals</b>	<b>0 hrs</b>	<b>Tue 7/13/10</b>	<b>100%</b>	<b>100%</b>	<b>Tue 8/10/10</b>	<b>0 hrs</b>									
396	Submit underground information to municipalities, court	0 hrs	Tue 7/13/10	100%	100%	Tue 7/13/10	0 hrs									
397	Pay 100% of permit cost	0 hrs	Fri 7/30/10	100%	100%	Fri 7/30/10	0 hrs									
398	Receive underground permits	0 hrs	Tue 8/10/10	100%	100%	Tue 8/10/10	0 hrs									
399	<b>Field Construction</b>	<b>1,445 hrs</b>	<b>Thu 8/26/10</b>	<b>100%</b>	<b>100%</b>	<b>Wed 1/19/11</b>	<b>1,445 hrs</b>									
400	Conduct underground work	137 hrs	Thu 8/26/10	100%	100%	Thu 1/6/11	137 hrs				7759	8380				
401	Conduct pole work	1,224 hrs	Tue 10/12/10	100%	100%	Mon 1/3/11	1,224 hrs		199621	215591						
402	Test spliced fibers (entire segment)	4 hrs	Thu 1/6/11	100%	100%	Fri 1/7/11	4 hrs									
403	Implement lateral and inside fiber connection	40 hrs	Mon 10/18/10	100%	100%	Wed 10/20/10	40 hrs									
404	Install network electronics (core, distribution and edge)	40 hrs	Wed 1/12/11	100%	100%	Wed 1/19/11	40 hrs		0	1100	125	175				
405	<b>Signoff acceptance</b>	<b>40.48 hrs</b>	<b>Tue 4/13/10</b>	<b>100%</b>	<b>100%</b>	<b>Tue 1/11/11</b>	<b>40.48 hrs</b>									
406	As built drawings	20.25 hrs	Fri 1/7/11	100%	100%	Tue 1/11/11	20.25 hrs									
407	Splicing diagram	5.07 hrs	Mon 1/10/11	100%	100%	Mon 1/10/11	5.07 hrs									
408	Link loss report	5.07 hrs	Mon 1/10/11	100%	100%	Mon 1/10/11	5.07 hrs									
409	Packing slips	5.07 hrs	Tue 4/13/10	100%	100%	Tue 4/13/10	5.07 hrs									
410	Pre-test documentation	5.07 hrs	Tue 4/13/10	100%	100%	Tue 4/13/10	5.07 hrs									
411	<b>Southern Zone</b>	<b>6,090.6 hrs</b>	<b>Mon 1/18/10</b>	<b>100%</b>	<b>100%</b>	<b>Wed 3/30/11</b>	<b>6,090.6 hrs</b>									
412	<b>Segment S-6 (Ashland-Wooster) - Needed in June</b>	<b>1,723.27 hrs</b>	<b>Thu 2/11/10</b>	<b>100%</b>	<b>100%</b>	<b>Mon 1/17/11</b>	<b>1,723.27 hrs</b>									
413	<b>Conduct site walkout</b>	<b>64 hrs</b>	<b>Thu 2/11/10</b>	<b>100%</b>	<b>100%</b>	<b>Mon 2/22/10</b>	<b>64 hrs</b>									
414	<b>Aerial</b>	<b>32 hrs</b>	<b>Thu 2/11/10</b>	<b>100%</b>	<b>100%</b>	<b>Mon 2/22/10</b>	<b>32 hrs</b>									
415	Obtain pole information	8 hrs	Thu 2/11/10	100%	100%	Mon 2/22/10	8 hrs									
416	Gather pole bathmark (if available)	8 hrs	Thu 2/11/10	100%	100%	Mon 2/22/10	8 hrs									
417	Obtain utility name who owns each pole	8 hrs	Thu 2/11/10	100%	100%	Mon 2/22/10	8 hrs									
418	Measure individual utilities on poles	8 hrs	Thu 2/11/10	100%	100%	Mon 2/22/10	8 hrs									
419	<b>Underground</b>	<b>32 hrs</b>	<b>Thu 2/11/10</b>	<b>100%</b>	<b>100%</b>	<b>Mon 2/22/10</b>	<b>32 hrs</b>									
420	Identify underground locations	8 hrs	Thu 2/11/10	100%	100%	Mon 2/22/10	8 hrs									
421	Identify riser poles	8 hrs	Thu 2/11/10	100%	100%	Mon 2/22/10	8 hrs									
422	Location of pull vaults	8 hrs	Thu 2/11/10	100%	100%	Mon 2/22/10	8 hrs									
423	Gather information on construction obstacles	8 hrs	Thu 2/11/10	100%	100%	Mon 2/22/10	8 hrs									
424	Summarize walkout information and enter into CAD drawing	32 hrs	Wed 2/17/10	100%	100%	Tue 3/2/10	32 hrs									
425	Verify field information	14.83 hrs	Fri 4/16/10	100%	100%	Mon 4/19/10	14.83 hrs									
426	Define detailed project plan for aerial & underground work	22.23 hrs	Mon 4/19/10	100%	100%	Wed 4/21/10	22.23 hrs									
427	<b>Aerial Approvals</b>	<b>36.5 hrs</b>	<b>Wed 4/28/10</b>	<b>100%</b>	<b>100%</b>	<b>Mon 6/21/10</b>	<b>36.5 hrs</b>									
428	Submit pole information to utilities	32 hrs	Wed 4/28/10	100%	100%	Fri 5/21/10	32 hrs									
429	Pay 100% of engineering invoice	4 hrs	Mon 6/7/10	100%	100%	Mon 6/7/10	4 hrs									
430	Pay 100% of make-ready invoice	0.5 hrs	Tue 6/15/10	100%	100%	Tue 6/15/10	0.5 hrs									
431	Conduct make-ready work	0 hrs	Thu 6/17/10	100%	100%	Thu 6/17/10	0 hrs									
432	Receive approval to access poles	0 hrs	Mon 6/21/10	100%	100%	Mon 6/21/10	0 hrs									
433	<b>Underground Approvals</b>	<b>36 hrs</b>	<b>Wed 4/28/10</b>	<b>100%</b>	<b>100%</b>	<b>Fri 8/28/10</b>	<b>36 hrs</b>									
434	Submit underground information to municipalities, court	36 hrs	Wed 4/28/10	100%	100%	Tue 5/4/10	36 hrs									
435	Pay 100% of permit cost	0 hrs	Thu 8/12/10	100%	100%	Thu 8/12/10	0 hrs									
436	Receive underground permits	0 hrs	Fri 8/20/10	100%	100%	Fri 8/20/10	0 hrs									
437	<b>Field Construction</b>	<b>1,494 hrs</b>	<b>Thu 4/29/10</b>	<b>100%</b>	<b>100%</b>	<b>Wed 1/12/11</b>	<b>1,494 hrs</b>									
438	Conduct underground work	640 hrs	Thu 4/29/10	100%	100%	Thu 7/15/10	640 hrs				45267	45267				
439	Conduct pole work	771 hrs	Tue 6/22/10	100%	100%	Sat 7/31/10	771 hrs		89760	89760						
440	Test spliced fibers (entire segment)	3 hrs	Sat 7/31/10	100%	100%	Mon 8/2/10	3 hrs									



ID	Name	Work	Start	% Work Complete	% Complete	Actual Finish	Fiber Miles	Actual Work	OH Strand	OH Fiber	UG Conduit Placed	UG Fiber Placed	2009 H1	2010 H1	2011 H1	2012 H1
441	Implement lateral and inside fiber connection	40 hrs	Tue 7/6/10 100%	100%	Mon 7/12/10		40 hrs									
442	Install network electronics (core, distribution and edge)	40 hrs	Mon 8/2/10 100%	100%	Wed 1/12/11		40 hrs									
443	<b>Signoff acceptance</b>	<b>23.68 hrs</b>	<b>Mon 8/16/10 100%</b>	<b>100%</b>	<b>Mon 1/17/11</b>		<b>23.68 hrs</b>									
444	As built drawings	11.85 hrs	Thu 1/13/11 100%	100%	Fri 1/14/11		11.85 hrs									
445	Splicing diagram	2.97 hrs	Fri 1/14/11 100%	100%	Fri 1/14/11		2.97 hrs									
446	Link loss report	2.97 hrs	Fri 1/14/11 100%	100%	Mon 1/17/11		2.97 hrs									
447	Packing slips	2.97 hrs	Mon 8/16/10 100%	100%	Mon 8/16/10		2.97 hrs									
448	Pre-test documentation	2.97 hrs	Mon 8/16/10 100%	100%	Mon 8/16/10		2.97 hrs									
449	<b>Segment S-2 (Wooster-Coshocton)</b>	<b>1,268.78 hrs</b>	<b>Mon 2/8/10 100%</b>	<b>100%</b>	<b>Wed 3/30/11 49</b>		<b>1,268.78 hrs</b>									
450	<b>Conduct site walkout</b>	<b>308.8 hrs</b>	<b>Mon 2/8/10 100%</b>	<b>100%</b>	<b>Mon 3/22/10</b>		<b>308.8 hrs</b>									
451	<b>Aerial</b>	<b>154.4 hrs</b>	<b>Mon 2/8/10 100%</b>	<b>100%</b>	<b>Mon 3/22/10</b>		<b>154.4 hrs</b>									
452	Obtain pole information	38.6 hrs	Mon 2/8/10 100%	100%	Mon 3/22/10		38.6 hrs									
453	Gather pole birthmark (if available)	38.6 hrs	Mon 2/8/10 100%	100%	Mon 3/22/10		38.6 hrs									
454	Obtain utility name who owns each pole	38.6 hrs	Mon 2/8/10 100%	100%	Mon 3/22/10		38.6 hrs									
455	Measure individual utilities on poles	38.6 hrs	Mon 2/8/10 100%	100%	Mon 3/22/10		38.6 hrs									
456	<b>Underground</b>	<b>154.4 hrs</b>	<b>Mon 2/8/10 100%</b>	<b>100%</b>	<b>Mon 3/22/10</b>		<b>154.4 hrs</b>									
457	Identify underground locations	38.6 hrs	Mon 2/8/10 100%	100%	Mon 3/22/10		38.6 hrs									
458	Identify riser poles	38.6 hrs	Mon 2/8/10 100%	100%	Mon 3/22/10		38.6 hrs									
459	Location of pull vaults	38.6 hrs	Mon 2/8/10 100%	100%	Mon 3/22/10		38.6 hrs									
460	Gather information on construction obstacles	38.6 hrs	Mon 2/8/10 100%	100%	Mon 3/22/10		38.6 hrs									
461	Summarize walkout information and enter into CAD drawing	50 hrs	Tue 3/23/10 100%	100%	Mon 3/29/10		50 hrs									
462	Verify field information	27.27 hrs	Tue 3/30/10 100%	100%	Mon 4/5/10		27.27 hrs									
463	Define detailed project plan for aerial & underground work	40.9 hrs	Mon 4/5/10 100%	100%	Tue 4/13/10		40.9 hrs									
464	<b>Aerial Approvals</b>	<b>20.5 hrs</b>	<b>Mon 5/17/10 100%</b>	<b>100%</b>	<b>Tue 10/19/10</b>		<b>20.5 hrs</b>									
465	Submit pole information to utilities	16 hrs	Mon 5/17/10 100%	100%	Thu 5/27/10		16 hrs									
466	Pay 100% of engineering invoice	4 hrs	Fri 7/9/10 100%	100%	Mon 7/12/10		4 hrs									
467	Pay 100% of make-ready invoice	0.5 hrs	Mon 8/23/10 100%	100%	Mon 8/23/10		0.5 hrs									
468	Conduct make-ready work	0 hrs	Tue 10/19/10 100%	100%	Tue 10/19/10		0 hrs									
469	Receive approval to access poles	0 hrs	Tue 10/19/10 100%	100%	Tue 10/19/10		0 hrs									
470	<b>Underground Approvals</b>	<b>0 hrs</b>	<b>Thu 7/22/10 100%</b>	<b>100%</b>	<b>Fri 8/20/10</b>		<b>0 hrs</b>									
471	Submit underground information to municipalities, count	0 hrs	Thu 7/22/10 100%	100%	Thu 7/22/10		0 hrs									
472	Pay 100% of permit cost	0 hrs	Wed 8/11/10 100%	100%	Wed 8/11/10		0 hrs									
473	Receive underground permits	0 hrs	Fri 8/20/10 100%	100%	Fri 8/20/10		0 hrs									
474	<b>Field Construction</b>	<b>769.1 hrs</b>	<b>Tue 10/19/10 100%</b>	<b>100%</b>	<b>Thu 3/24/11</b>		<b>769.1 hrs</b>									
475	Conduct underground work	43 hrs	Mon 1/31/11 100%	100%	Mon 2/7/11		43 hrs									
476	Conduct pole work	620 hrs	Tue 10/19/10 100%	100%	Fri 2/4/11		620 hrs									
477	Test spliced fibers (entire segment)	26.1 hrs	Mon 2/7/11 100%	100%	Fri 2/11/11		26.1 hrs									
478	Implement lateral and inside fiber connection	40 hrs	Thu 3/17/11 100%	100%	Thu 3/24/11		40 hrs									
479	Install network electronics (core, distribution and edge)	40 hrs	Fri 2/11/11 100%	100%	Fri 2/18/11		40 hrs									
480	<b>Signoff acceptance</b>	<b>52.22 hrs</b>	<b>Wed 3/17/10 100%</b>	<b>100%</b>	<b>Wed 3/30/11</b>		<b>52.22 hrs</b>									
481	As built drawings	26.1 hrs	Thu 3/24/11 100%	100%	Tue 3/29/11		26.1 hrs									
482	Splicing diagram	6.53 hrs	Tue 3/29/11 100%	100%	Wed 3/30/11		6.53 hrs									
483	Link loss report	6.53 hrs	Wed 3/30/11 100%	100%	Wed 3/30/11		6.53 hrs									
484	Packing slips	6.53 hrs	Wed 3/17/10 100%	100%	Wed 3/17/10		6.53 hrs									
485	Pre-test documentation	6.53 hrs	Thu 3/24/11 100%	100%	Thu 3/24/11		6.53 hrs									
486	<b>OneCommunity Access Ring Fiber (East Liverpool)</b>	<b>67.15 hrs</b>	<b>Fri 1/22/10 100%</b>	<b>100%</b>	<b>Wed 3/9/11 2</b>		<b>67.15 hrs</b>									
487	Walkouts	8 hrs	Fri 1/22/10 100%	100%	Mon 1/25/10		8 hrs									
488	Applied for make ready	6 hrs	Mon 1/25/10 100%	100%	Mon 1/25/10		6 hrs									
489	Make Ready payments	0 hrs	Tue 3/16/10 100%	100%	Tue 3/16/10		0 hrs									
490	Conduct make ready	0 hrs	Fri 4/30/10 100%	100%	Fri 4/30/10		0 hrs									
491	<b>Field Construction</b>	<b>31.48 hrs</b>	<b>Tue 3/23/10 100%</b>	<b>100%</b>	<b>Fri 1/14/11</b>		<b>31.48 hrs</b>									
492	Conduct underground work	0 hrs	Tue 3/23/10 100%	100%	Tue 3/23/10		0 hrs									
493	Conduct pole work	16 hrs	Mon 4/19/10 100%	100%	Tue 4/20/10		16 hrs		2165	2904						
494	Test spliced fibers (entire segment)	15.48 hrs	Thu 1/13/11 100%	100%	Fri 1/14/11		15.48 hrs									
495	Implement lateral and inside fiber connection	0 hrs	Fri 1/14/11 100%	100%	Fri 1/14/11		0 hrs									
496	Install network electronics (core, distribution and edge)	0 hrs	Fri 1/14/11 100%	100%	Fri 1/14/11		0 hrs									
497	<b>Signoff acceptance</b>	<b>21.67 hrs</b>	<b>Tue 3/9/10 100%</b>	<b>100%</b>	<b>Wed 3/9/11</b>		<b>21.67 hrs</b>									
498	As built drawings	13.93 hrs	Fri 1/28/11 100%	100%	Tue 2/1/11		13.93 hrs									
499	Packing slips	3.87 hrs	Tue 3/9/10 100%	100%	Tue 3/9/10		3.87 hrs									
500	Pre-test documentation	3.87 hrs	Wed 3/9/11 100%	100%	Wed 3/9/11		3.87 hrs									
501	<b>Segment S-1 (Canton-Akron)</b>	<b>1,246.18 hrs</b>	<b>Mon 1/18/10 100%</b>	<b>100%</b>	<b>Tue 12/7/10 24</b>		<b>1,246.18 hrs</b>									
502	<b>Conduct site walkout</b>	<b>128 hrs</b>	<b>Mon 1/18/10 100%</b>	<b>100%</b>	<b>Wed 2/17/10</b>		<b>128 hrs</b>									
503	<b>Aerial</b>	<b>64 hrs</b>	<b>Mon 1/18/10 100%</b>	<b>100%</b>	<b>Wed 2/17/10</b>		<b>64 hrs</b>									
504	Obtain pole information	16 hrs	Mon 1/18/10 100%	100%	Wed 2/17/10		16 hrs									
505	Gather pole birthmark (if available)	16 hrs	Mon 1/18/10 100%	100%	Wed 2/17/10		16 hrs									
506	Obtain utility name who owns each pole	16 hrs	Mon 1/18/10 100%	100%	Wed 2/17/10		16 hrs									
507	Measure individual utilities on poles	16 hrs	Mon 1/18/10 100%	100%	Wed 2/17/10		16 hrs									
508	<b>Underground</b>	<b>64 hrs</b>	<b>Mon 1/18/10 100%</b>	<b>100%</b>	<b>Wed 2/17/10</b>		<b>64 hrs</b>									
509	Identify underground locations	16 hrs	Mon 1/18/10 100%	100%	Wed 2/17/10		16 hrs									
510	Identify riser poles	16 hrs	Mon 1/18/10 100%	100%	Wed 2/17/10		16 hrs									
511	Location of pull vaults	16 hrs	Mon 1/18/10 100%	100%	Wed 2/17/10		16 hrs									
512	Gather information on construction obstacles	16 hrs	Mon 1/18/10 100%	100%	Wed 2/17/10		16 hrs									
513	Summarize walkout information and enter into CAD drawing	72 hrs	Mon 2/1/10 100%	100%	Wed 2/24/10		72 hrs									
514	Verify field information	13.1 hrs	Thu 4/15/10 100%	100%	Fri 4/16/10		13.1 hrs									
515	Define detailed project plan for aerial & underground work	19.67 hrs	Fri 4/16/10 100%	100%	Tue 4/20/10		19.67 hrs									
516	<b>Aerial Approvals</b>	<b>56.5 hrs</b>	<b>Mon 4/19/10 100%</b>	<b>100%</b>	<b>Wed 8/11/10</b>		<b>56.5 hrs</b>									
517	Submit pole information to utilities	52 hrs	Mon 4/19/10 100%	100%	Tue 5/25/10		52 hrs									
518	Pay 100% of engineering invoice	4 hrs	Wed 7/7/10 100%	100%	Thu 7/8/10		4 hrs									
519	Pay 100% of make-ready invoice	0.5 hrs	Tue 7/13/10 100%	100%	Tue 7/13/10		0.5 hrs									
520	Conduct make-ready work	0 hrs	Tue 7/20/10 100%	100%	Tue 7/20/10		0 hrs									

ID	Name	Work	Start	% Work Complete	% Complete	Actual Finish	Fiber Miles	Actual Work	OH Strand	OH Fiber	UG Conduit Placed	UG Fiber Placed	2009 H1 H2	2010 H1 H2	2011 H1 H2	2012 H1 H2
521	Receive approval to access poles	0 hrs	Wed 8/11/10	100%	100%	Wed 8/11/10	0 hrs									
522	<b>Underground Approvals</b>	<b>0 hrs</b>	<b>Tue 8/10/10</b>	<b>100%</b>	<b>100%</b>	<b>Thu 9/9/10</b>	<b>0 hrs</b>									
523	Submit underground information to municipalities, county	0 hrs	Tue 8/10/10	100%	100%	Tue 8/10/10	0 hrs									
524	Pay 100% of permit cost	0 hrs	Mon 8/30/10	100%	100%	Mon 8/30/10	0 hrs									
525	Receive underground permits	0 hrs	Thu 9/9/10	100%	100%	Thu 9/9/10	0 hrs									
526	<b>Field Construction</b>	<b>922.3 hrs</b>	<b>Wed 8/18/10</b>	<b>100%</b>	<b>100%</b>	<b>Wed 12/1/10</b>	<b>922.3 hrs</b>									
527	Conduct underground work	113 hrs	Fri 10/29/10	100%	100%	Thu 11/18/10	113 hrs				7007	7007				
528	Conduct pole work	672 hrs	Wed 8/18/10	100%	100%	Tue 10/26/10	672 hrs	134468		120500						
529	Implement West Market Street underground fiber	80 hrs	Tue 10/26/10	100%	100%	Tue 11/9/10	80 hrs									
530	Test spliced fibers (entire segment)	17.3 hrs	Thu 11/18/10	100%	100%	Mon 11/22/10	17.3 hrs									
531	Install network electronics (core, distribution and edge)	40 hrs	Wed 11/24/10	100%	100%	Wed 12/1/10	40 hrs									
532	<b>Signoff acceptance</b>	<b>34.62 hrs</b>	<b>Tue 4/6/10</b>	<b>100%</b>	<b>100%</b>	<b>Tue 12/7/10</b>	<b>34.62 hrs</b>									
533	As built drawings	17.3 hrs	Thu 12/2/10	100%	100%	Mon 12/6/10	17.3 hrs									
534	Splicing diagram	4.33 hrs	Mon 12/6/10	100%	100%	Mon 12/6/10	4.33 hrs									
535	Link loss report	4.33 hrs	Mon 12/6/10	100%	100%	Tue 12/7/10	4.33 hrs									
536	Packing slips	4.33 hrs	Tue 4/6/10	100%	100%	Tue 4/6/10	4.33 hrs									
537	Pre-test documentation	4.33 hrs	Thu 12/2/10	100%	100%	Thu 12/2/10	4.33 hrs									
538	<b>Segment S-3 (Coshocton - Denison)</b>	<b>886.65 hrs</b>	<b>Thu 3/11/10</b>	<b>100%</b>	<b>100%</b>	<b>Mon 12/6/10</b>	<b>37</b>	<b>886.65 hrs</b>								
539	<b>Conduct site walkout</b>	<b>118 hrs</b>	<b>Mon 3/22/10</b>	<b>100%</b>	<b>100%</b>	<b>Mon 4/5/10</b>	<b>118 hrs</b>									
540	<b>Aerial</b>	<b>58 hrs</b>	<b>Mon 3/22/10</b>	<b>100%</b>	<b>100%</b>	<b>Mon 4/5/10</b>	<b>58 hrs</b>									
541	Obtain pole information	13 hrs	Mon 3/22/10	100%	100%	Mon 4/5/10	13 hrs									
542	Gather pole birthmark (if available)	15 hrs	Mon 3/22/10	100%	100%	Mon 4/5/10	15 hrs									
543	Obtain utility name who owns each pole	15 hrs	Mon 3/22/10	100%	100%	Mon 4/5/10	15 hrs									
544	Measure individual utilities on poles	15 hrs	Mon 3/22/10	100%	100%	Mon 4/5/10	15 hrs									
545	<b>Underground</b>	<b>60 hrs</b>	<b>Mon 3/22/10</b>	<b>100%</b>	<b>100%</b>	<b>Mon 4/5/10</b>	<b>60 hrs</b>									
546	Identify underground locations	15 hrs	Mon 3/22/10	100%	100%	Mon 4/5/10	15 hrs									
547	Identify riser poles	15 hrs	Mon 3/22/10	100%	100%	Mon 4/5/10	15 hrs									
548	Location of pull vaults	15 hrs	Mon 3/22/10	100%	100%	Mon 4/5/10	15 hrs									
549	Gather information on construction obstacles	15 hrs	Mon 3/22/10	100%	100%	Mon 4/5/10	15 hrs									
550	Summarize walkout information and enter into CAD drawing	64 hrs	Thu 4/8/10	100%	100%	Tue 4/20/10	64 hrs									
551	Verify field information	20.47 hrs	Wed 4/21/10	100%	100%	Fri 4/23/10	20.47 hrs									
552	Define detailed project plan for aerial & underground work	30.68 hrs	Fri 4/23/10	100%	100%	Wed 4/28/10	30.68 hrs									
553	<b>Aerial Approvals</b>	<b>50 hrs</b>	<b>Tue 6/1/10</b>	<b>100%</b>	<b>100%</b>	<b>Fri 11/12/10</b>	<b>50 hrs</b>									
554	Submit pole information to utilities	50 hrs	Tue 6/1/10	100%	100%	Thu 7/8/10	50 hrs									
555	Pay 100% of engineering invoice	0 hrs	Thu 8/19/10	100%	100%	Thu 8/19/10	0 hrs									
556	Pay 100% of make-ready invoice	0 hrs	Fri 10/1/10	100%	100%	Fri 10/1/10	0 hrs									
557	Conduct make-ready work	0 hrs	Fri 11/12/10	100%	100%	Fri 11/12/10	0 hrs									
558	Receive approval to access poles	0 hrs	Fri 11/12/10	100%	100%	Fri 11/12/10	0 hrs									
559	<b>Underground Approvals</b>	<b>0 hrs</b>	<b>Mon 5/24/10</b>	<b>100%</b>	<b>100%</b>	<b>Thu 7/8/10</b>	<b>0 hrs</b>									
560	Submit underground information to municipalities, county	0 hrs	Mon 5/24/10	100%	100%	Mon 5/24/10	0 hrs									
561	Pay 100% of permit cost	0 hrs	Wed 6/30/10	100%	100%	Wed 6/30/10	0 hrs									
562	Receive underground permits	0 hrs	Thu 7/8/10	100%	100%	Thu 7/8/10	0 hrs									
563	<b>Field Construction</b>	<b>592 hrs</b>	<b>Mon 7/12/10</b>	<b>100%</b>	<b>100%</b>	<b>Mon 12/6/10</b>	<b>592 hrs</b>									
564	Conduct underground work	592 hrs	Mon 7/12/10	100%	100%	Fri 10/8/10	592 hrs				53077	46517				
565	Conduct pole work	0 hrs	Mon 12/6/10	100%	100%	Mon 12/6/10	0 hrs									
566	Test spliced fibers (entire segment)	0 hrs	Mon 12/6/10	100%	100%	Mon 12/6/10	0 hrs									
567	Implement lateral and inside fiber connection	0 hrs	Mon 12/6/10	100%	100%	Mon 12/6/10	0 hrs									
568	Install network electronics (core, distribution and edge)	0 hrs	Mon 12/6/10	100%	100%	Mon 12/6/10	0 hrs									
569	<b>Signoff acceptance</b>	<b>5.5 hrs</b>	<b>Thu 3/11/10</b>	<b>100%</b>	<b>100%</b>	<b>Mon 12/6/10</b>	<b>5.5 hrs</b>									
570	As built drawings	0 hrs	Mon 12/6/10	100%	100%	Mon 12/6/10	0 hrs									
571	Splicing diagram	0 hrs	Mon 12/6/10	100%	100%	Mon 12/6/10	0 hrs									
572	Link loss report	0 hrs	Mon 12/6/10	100%	100%	Mon 12/6/10	0 hrs									
573	Packing slips	5.5 hrs	Thu 3/11/10	100%	100%	Thu 3/11/10	5.5 hrs									
574	Pre-test documentation	0 hrs	Mon 12/6/10	100%	100%	Mon 12/6/10	0 hrs									
575	<b>Segment S-4 (Denison - New Philadelphia)</b>	<b>341.82 hrs</b>	<b>Thu 3/18/10</b>	<b>100%</b>	<b>100%</b>	<b>Fri 2/11/11</b>	<b>13</b>	<b>341.82 hrs</b>								
576	<b>Conduct site walkout</b>	<b>24 hrs</b>	<b>Fri 3/26/10</b>	<b>100%</b>	<b>100%</b>	<b>Sun 3/28/10</b>	<b>24 hrs</b>									
577	<b>Aerial</b>	<b>12 hrs</b>	<b>Fri 3/26/10</b>	<b>100%</b>	<b>100%</b>	<b>Sun 3/28/10</b>	<b>12 hrs</b>									
578	Obtain pole information	3 hrs	Fri 3/26/10	100%	100%	Sun 3/28/10	3 hrs									
579	Gather pole birthmark (if available)	3 hrs	Fri 3/26/10	100%	100%	Sun 3/28/10	3 hrs									
580	Obtain utility name who owns each pole	3 hrs	Fri 3/26/10	100%	100%	Sun 3/28/10	3 hrs									
581	Measure individual utilities on poles	3 hrs	Fri 3/26/10	100%	100%	Sun 3/28/10	3 hrs									
582	<b>Underground</b>	<b>12 hrs</b>	<b>Fri 3/26/10</b>	<b>100%</b>	<b>100%</b>	<b>Sun 3/28/10</b>	<b>12 hrs</b>									
583	Identify underground locations	3 hrs	Fri 3/26/10	100%	100%	Sun 3/28/10	3 hrs									
584	Identify riser poles	3 hrs	Fri 3/26/10	100%	100%	Sun 3/28/10	3 hrs									
585	Location of pull vaults	3 hrs	Fri 3/26/10	100%	100%	Sun 3/28/10	3 hrs									
586	Gather information on construction obstacles	3 hrs	Fri 3/26/10	100%	100%	Sun 3/28/10	3 hrs									
587	Summarize walkout information and enter into CAD drawing	24 hrs	Thu 4/22/10	100%	100%	Sat 4/24/10	24 hrs									
588	Verify field information	6.48 hrs	Sat 4/24/10	100%	100%	Sun 4/25/10	6.48 hrs									
589	Define detailed project plan for aerial & underground work	9.72 hrs	Sun 4/25/10	100%	100%	Tue 4/27/10	9.72 hrs									
590	<b>Aerial Approvals</b>	<b>18 hrs</b>	<b>Mon 6/7/10</b>	<b>100%</b>	<b>100%</b>	<b>Mon 10/25/10</b>	<b>18 hrs</b>									
591	Submit pole information to utilities	18 hrs	Mon 6/7/10	100%	100%	Fri 6/18/10	18 hrs									
592	Pay 100% of engineering invoice	0 hrs	Fri 7/30/10	100%	100%	Fri 7/30/10	0 hrs									
593	Pay 100% of make-ready invoice	0 hrs	Mon 9/13/10	100%	100%	Mon 9/13/10	0 hrs									
594	Conduct make-ready work	0 hrs	Mon 10/25/10	100%	100%	Mon 10/25/10	0 hrs									
595	Receive approval to access poles	0 hrs	Mon 10/25/10	100%	100%	Mon 10/25/10	0 hrs									
596	<b>Underground Approvals</b>	<b>0 hrs</b>	<b>Thu 4/1/10</b>	<b>100%</b>	<b>100%</b>	<b>Thu 4/29/10</b>	<b>0 hrs</b>									
597	Submit underground information to municipalities, county	0 hrs	Thu 4/1/10	100%	100%	Mon 4/5/10	0 hrs									
598	Pay 100% of permit cost	0 hrs	Tue 4/20/10	100%	100%	Tue 4/20/10	0 hrs									
599	Receive underground permits	0 hrs	Thu 4/29/10	100%	100%	Thu 4/29/10	0 hrs									
600	<b>Field Construction</b>	<b>258 hrs</b>	<b>Mon 6/7/10</b>	<b>100%</b>	<b>100%</b>	<b>Fri 2/11/11</b>	<b>258 hrs</b>									



ID	Name	Work	Start	% Work Complete	% Complete	Actual Finish	Fiber Miles	Actual Work	OH Strand	OH Fiber	UG Conduit Placed	UG Fiber Placed	2009 H1 H2	2010 H1 H2	2011 H1 H2	2012 H1 H2
801	Conduct underground work	258 hrs	Mon 6/7/10 100%	100%	Tue 1/4/11	258 hrs					23168					
802	Conduct pole work	0 hrs	Thu 2/3/11 100%	100%	Thu 2/3/11	0 hrs										
803	Test spliced fibers (entire segment)	0 hrs	Thu 2/3/11 100%	100%	Thu 2/3/11	0 hrs										
804	Implement lateral and inside fiber connection	0 hrs	Fri 2/11/11 100%	100%	Fri 2/11/11	0 hrs										
805	Install network electronics (core, distribution and edge)	0 hrs	Fri 2/11/11 100%	100%	Fri 2/11/11	0 hrs										
806	<b>Signoff acceptance</b>	<b>1.62 hrs</b>	<b>Thu 3/18/10 100%</b>	<b>100%</b>	<b>Fri 2/11/11</b>	<b>1.62 hrs</b>										
807	As built drawings	0 hrs	Fri 2/11/11 100%	100%	Fri 2/11/11	0 hrs										
808	Splicing diagram	0 hrs	Fri 2/11/11 100%	100%	Fri 2/11/11	0 hrs										
809	Link loss report	0 hrs	Fri 2/11/11 100%	100%	Fri 2/11/11	0 hrs										
810	Packing slips	1.62 hrs	Thu 3/18/10 100%	100%	Thu 3/18/10	1.62 hrs										
811	Pre-test documentation	0 hrs	Fri 2/11/11 100%	100%	Fri 2/11/11	0 hrs										
812	<b>Segment S-5 (New Philadelphia - Canton)</b>	<b>562.75 hrs</b>	<b>Fri 3/26/10 100%</b>	<b>100%</b>	<b>Tue 2/15/11 28</b>	<b>562.75 hrs</b>										
813	<b>Conduct site walkout</b>	<b>56 hrs</b>	<b>Fri 3/26/10 100%</b>	<b>100%</b>	<b>Mon 4/5/10</b>	<b>56 hrs</b>										
814	<b>Aerial</b>	<b>28 hrs</b>	<b>Fri 3/26/10 100%</b>	<b>100%</b>	<b>Mon 4/5/10</b>	<b>28 hrs</b>										
815	Obtain pole information	7 hrs	Fri 3/26/10 100%	100%	Mon 4/5/10	7 hrs										
816	Gather pole birthmark (if available)	7 hrs	Fri 3/26/10 100%	100%	Mon 4/5/10	7 hrs										
817	Obtain utility name who owns each pole	7 hrs	Fri 3/26/10 100%	100%	Mon 4/5/10	7 hrs										
818	Measure individual utilities on poles	7 hrs	Fri 3/26/10 100%	100%	Mon 4/5/10	7 hrs										
819	<b>Underground</b>	<b>28 hrs</b>	<b>Fri 3/26/10 100%</b>	<b>100%</b>	<b>Mon 4/5/10</b>	<b>28 hrs</b>										
820	Identify underground locations	7 hrs	Fri 3/26/10 100%	100%	Mon 4/5/10	7 hrs										
821	Identify riser poles	7 hrs	Fri 3/26/10 100%	100%	Mon 4/5/10	7 hrs										
822	Location of pull vaults	7 hrs	Fri 3/26/10 100%	100%	Mon 4/5/10	7 hrs										
823	Gather information on construction obstacles	7 hrs	Fri 3/26/10 100%	100%	Mon 4/5/10	7 hrs										
824	Summarize walkout information and enter into CAD drawing	48 hrs	Wed 4/21/10 100%	100%	Mon 4/26/10	48 hrs										
825	Verify field information	14.08 hrs	Tue 4/27/10 100%	100%	Wed 4/28/10	14.08 hrs										
826	Define detailed project plan for aerial & underground work	21.13 hrs	Wed 4/28/10 100%	100%	Thu 4/29/10	21.13 hrs										
827	<b>Aerial Approvals</b>	<b>18 hrs</b>	<b>Tue 6/8/10 100%</b>	<b>100%</b>	<b>Tue 10/26/10</b>	<b>18 hrs</b>										
828	Submit pole information to utilities	18 hrs	Tue 6/8/10 100%	100%	Mon 6/21/10	18 hrs										
829	Pay 100% of engineering invoice	0 hrs	Mon 8/2/10 100%	100%	Mon 8/2/10	0 hrs										
830	Pay 100% of make-ready invoice	0 hrs	Tue 9/14/10 100%	100%	Tue 9/14/10	0 hrs										
831	Conduct make-ready work	0 hrs	Tue 10/26/10 100%	100%	Tue 10/26/10	0 hrs										
832	Receive approval to access poles	0 hrs	Tue 10/26/10 100%	100%	Tue 10/26/10	0 hrs										
833	<b>Underground Approvals</b>	<b>0 hrs</b>	<b>Thu 4/1/10 100%</b>	<b>100%</b>	<b>Fri 4/9/10</b>	<b>0 hrs</b>										
834	Submit underground information to municipalities, count	0 hrs	Thu 4/1/10 100%	100%	Mon 4/5/10	0 hrs										
835	Pay 100% of permit cost	0 hrs	Fri 4/2/10 100%	100%	Fri 4/2/10	0 hrs										
836	Receive underground permits	0 hrs	Fri 4/9/10 100%	100%	Fri 4/9/10	0 hrs										
837	<b>Field Construction</b>	<b>402 hrs</b>	<b>Wed 8/18/10 100%</b>	<b>100%</b>	<b>Tue 2/15/11</b>	<b>402 hrs</b>										
838	Conduct underground work	402 hrs	Wed 8/18/10 100%	100%	Wed 9/22/10	402 hrs					38170					
839	Conduct pole work	0 hrs	Wed 2/9/11 100%	100%	Wed 2/9/11	0 hrs										
840	Test spliced fibers (entire segment)	0 hrs	Wed 2/9/11 100%	100%	Wed 2/9/11	0 hrs										
841	Implement lateral and inside fiber connection	0 hrs	Tue 2/15/11 100%	100%	Tue 2/15/11	0 hrs										
842	Install network electronics (core, distribution and edge)	0 hrs	Tue 2/15/11 100%	100%	Tue 2/15/11	0 hrs										
843	<b>Signoff acceptance</b>	<b>3.52 hrs</b>	<b>Tue 4/8/10 100%</b>	<b>100%</b>	<b>Tue 2/15/11</b>	<b>3.52 hrs</b>										
844	As built drawings	0 hrs	Tue 2/15/11 100%	100%	Tue 2/15/11	0 hrs										
845	Splicing diagram	0 hrs	Tue 2/15/11 100%	100%	Tue 2/15/11	0 hrs										
846	Link loss report	0 hrs	Tue 2/15/11 100%	100%	Tue 2/15/11	0 hrs										
847	Packing slips	3.52 hrs	Thu 4/8/10 100%	100%	Thu 4/8/10	3.52 hrs										
848	Pre-test documentation	0 hrs	Tue 2/15/11 100%	100%	Tue 2/15/11	0 hrs										
849	<b>Vendor Procurement and Invoicing</b>	<b>0 hrs</b>	<b>Mon 1/18/10 100%</b>	<b>100%</b>	<b>Fri 4/22/11</b>	<b>0 hrs</b>										
850	<b>OFS Fitol</b>	<b>0 hrs</b>	<b>Mon 2/15/10 100%</b>	<b>100%</b>	<b>Tue 11/23/10</b>	<b>0 hrs</b>										
851	<b>Order 1</b>	<b>0 hrs</b>	<b>Mon 2/15/10 100%</b>	<b>100%</b>	<b>Mon 5/24/10</b>	<b>0 hrs</b>										
852	Fiber Order	0 hrs	Mon 2/15/10 100%	100%	Mon 2/15/10	0 hrs										
853	Receive invoice	0 hrs	Tue 3/9/10 100%	100%	Tue 3/9/10	0 hrs										
854	Generate work verification report	0 hrs	Fri 3/19/10 100%	100%	Fri 3/19/10	0 hrs										
855	Pay 15% of invoice	0 hrs	Wed 3/31/10 100%	100%	Wed 3/31/10	0 hrs										
856	Sign payment verification (USAC form)	0 hrs	Tue 4/13/10 100%	100%	Tue 4/13/10	0 hrs										
857	Submit USAC forms for 85% payment	0 hrs	Thu 4/15/10 100%	100%	Thu 4/15/10	0 hrs										
858	Verify payment received by vendor	0 hrs	Mon 5/24/10 100%	100%	Mon 5/24/10	0 hrs										
859	<b>Order 2</b>	<b>0 hrs</b>	<b>Fri 4/23/10 100%</b>	<b>100%</b>	<b>Mon 7/26/10</b>	<b>0 hrs</b>										
860	Fiber Order	0 hrs	Fri 4/23/10 100%	100%	Fri 4/23/10	0 hrs										
861	Receive invoice	0 hrs	Mon 5/17/10 100%	100%	Mon 5/17/10	0 hrs										
862	Generate work verification report	0 hrs	Tue 6/22/10 100%	100%	Tue 6/22/10	0 hrs										
863	Pay 15% of invoice	0 hrs	Thu 6/24/10 100%	100%	Thu 6/24/10	0 hrs										
864	Sign payment verification (USAC form)	0 hrs	Thu 7/1/10 100%	100%	Thu 7/1/10	0 hrs										
865	Submit USAC forms for 85% payment	0 hrs	Tue 7/6/10 100%	100%	Tue 7/6/10	0 hrs										
866	Verify payment received by vendor	0 hrs	Mon 7/26/10 100%	100%	Mon 7/26/10	0 hrs										
867	<b>Order 3</b>	<b>0 hrs</b>	<b>Mon 10/4/10 100%</b>	<b>100%</b>	<b>Tue 11/23/10</b>	<b>0 hrs</b>										
868	Fiber Order	0 hrs	Mon 10/4/10 100%	100%	Mon 10/4/10	0 hrs										
869	Receive invoice	0 hrs	Thu 10/7/10 100%	100%	Thu 10/7/10	0 hrs										
870	Generate work verification report	0 hrs	Mon 10/25/10 100%	100%	Mon 10/25/10	0 hrs										
871	Pay 15% of invoice	0 hrs	Wed 10/27/10 100%	100%	Wed 10/27/10	0 hrs										
872	Sign payment verification (USAC form)	0 hrs	Mon 11/8/10 100%	100%	Mon 11/8/10	0 hrs										
873	Submit USAC forms for 85% payment	0 hrs	Mon 11/8/10 100%	100%	Mon 11/8/10	0 hrs										
874	Verify payment received by vendor	0 hrs	Tue 11/23/10 100%	100%	Tue 11/23/10	0 hrs										
875	<b>AD Technologies (4-decimal places)</b>	<b>0 hrs</b>	<b>Mon 2/15/10 100%</b>	<b>100%</b>	<b>Mon 11/22/10</b>	<b>0 hrs</b>										
876	<b>Order 1</b>	<b>0 hrs</b>	<b>Mon 2/15/10 100%</b>	<b>100%</b>	<b>Mon 5/24/10</b>	<b>0 hrs</b>										
877	Conduit Order	0 hrs	Mon 2/15/10 100%	100%	Mon 2/15/10	0 hrs										
878	Receive invoice	0 hrs	Thu 3/4/10 100%	100%	Thu 3/4/10	0 hrs										
879	Generate work verification report	0 hrs	Fri 3/12/10 100%	100%	Fri 3/12/10	0 hrs										
880	Pay 15% of invoice	0 hrs	Wed 3/31/10 100%	100%	Wed 3/31/10	0 hrs										

ID	Name	Work	Start	% Work Complete	% Complete	Actual Finish	Fiber Miles	Actual Work	OH Strand	OH Fiber	UG Conduit Placed	UG Fiber Placed	2009 H1	2010 H1	2011 H1	2012 H1
861	Sign payment verification (USAC form)	0 hrs	Wed 3/31/10	100%	100%	Wed 3/31/10	0 hrs									
862	Submit USAC forms for 85% payment	0 hrs	Mon 5/3/10	100%	100%	Mon 5/3/10	0 hrs									
863	Verify payment received by vendor	0 hrs	Mon 5/24/10	100%	100%	Mon 5/24/10	0 hrs									
864	<b>Order 2</b>	<b>0 hrs</b>	<b>Fri 10/15/10</b>	<b>100%</b>	<b>100%</b>	<b>Mon 11/22/10</b>	<b>0 hrs</b>									
865	Conduit Order	0 hrs	Fri 10/15/10	100%	100%	Fri 10/15/10	0 hrs									
866	Receive invoice	0 hrs	Fri 10/15/10	100%	100%	Fri 10/15/10	0 hrs									
867	Generate work verification report	0 hrs	Tue 10/19/10	100%	100%	Tue 10/19/10	0 hrs									
868	Pay 15% of invoice	0 hrs	Wed 11/3/10	100%	100%	Wed 11/3/10	0 hrs									
869	Sign payment verification (USAC form)	0 hrs	Tue 11/9/10	100%	100%	Tue 11/9/10	0 hrs									
890	Submit USAC forms for 85% payment	0 hrs	Thu 11/11/10	100%	100%	Thu 11/11/10	0 hrs									
891	Verify payment received by vendor	0 hrs	Mon 11/22/10	100%	100%	Mon 11/22/10	0 hrs									
892	<b>Multilink</b>	<b>0 hrs</b>	<b>Thu 2/25/10</b>	<b>100%</b>	<b>100%</b>	<b>Tue 5/25/10</b>	<b>0 hrs</b>									
893	<b>Order 1</b>	<b>0 hrs</b>	<b>Thu 2/25/10</b>	<b>100%</b>	<b>100%</b>	<b>Tue 5/25/10</b>	<b>0 hrs</b>									
894	Material Order	0 hrs	Thu 2/25/10	100%	100%	Thu 2/25/10	0 hrs									
895	Receive invoice	0 hrs	Thu 3/4/10	100%	100%	Thu 3/4/10	0 hrs									
896	Generate work verification report	0 hrs	Wed 3/17/10	100%	100%	Wed 3/17/10	0 hrs									
897	Pay 15% of invoice	0 hrs	Fri 3/26/10	100%	100%	Fri 3/26/10	0 hrs									
898	Sign payment verification (USAC form)	0 hrs	Wed 3/31/10	100%	100%	Wed 3/31/10	0 hrs									
899	Submit USAC forms for 85% payment	0 hrs	Mon 5/3/10	100%	100%	Mon 5/3/10	0 hrs									
700	Verify payment received by vendor	0 hrs	Tue 5/25/10	100%	100%	Tue 5/25/10	0 hrs									
701	<b>Fujitsu</b>	<b>0 hrs</b>	<b>Wed 1/27/10</b>	<b>100%</b>	<b>100%</b>	<b>Tue 5/25/10</b>	<b>0 hrs</b>									
702	<b>Order 1</b>	<b>0 hrs</b>	<b>Wed 1/27/10</b>	<b>100%</b>	<b>100%</b>	<b>Tue 5/25/10</b>	<b>0 hrs</b>									
703	DIVDM Equipment Order	0 hrs	Wed 1/27/10	100%	100%	Wed 1/27/10	0 hrs									
704	Receive invoice	0 hrs	Fri 1/29/10	100%	100%	Fri 1/29/10	0 hrs									
705	Generate work verification report	0 hrs	Fri 2/12/10	100%	100%	Fri 2/12/10	0 hrs									
706	Pay 15% of invoice	0 hrs	Mon 5/10/10	100%	100%	Mon 5/10/10	0 hrs									
707	Sign payment verification (USAC form)	0 hrs	Tue 5/11/10	100%	100%	Tue 5/11/10	0 hrs									
708	Submit USAC forms for 85% payment	0 hrs	Wed 5/12/10	100%	100%	Wed 5/12/10	0 hrs									
709	Verify payment received by vendor	0 hrs	Tue 5/25/10	100%	100%	Tue 5/25/10	0 hrs									
710	<b>Texcel</b>	<b>0 hrs</b>	<b>Thu 1/21/10</b>	<b>100%</b>	<b>100%</b>	<b>Fri 7/9/10</b>	<b>0 hrs</b>									
711	<b>Order 1</b>	<b>0 hrs</b>	<b>Thu 1/21/10</b>	<b>100%</b>	<b>100%</b>	<b>Fri 7/9/10</b>	<b>0 hrs</b>									
712	Cisco Equipment Order	0 hrs	Thu 1/21/10	100%	100%	Thu 1/21/10	0 hrs									
713	Receive invoice	0 hrs	Fri 5/7/10	100%	100%	Fri 5/7/10	0 hrs									
714	Generate work verification report	0 hrs	Fri 6/18/10	100%	100%	Fri 6/18/10	0 hrs									
715	Pay 15% of invoice	0 hrs	Wed 6/23/10	100%	100%	Wed 6/23/10	0 hrs									
716	Sign payment verification (USAC form)	0 hrs	Thu 6/24/10	100%	100%	Thu 6/24/10	0 hrs									
717	Submit USAC forms for 85% payment	0 hrs	Thu 6/24/10	100%	100%	Thu 6/24/10	0 hrs									
718	Verify payment received by vendor	0 hrs	Fri 7/9/10	100%	100%	Fri 7/9/10	0 hrs									
719	<b>GIJ Construction (4-decimal places)</b>	<b>0 hrs</b>	<b>Mon 1/18/10</b>	<b>100%</b>	<b>100%</b>	<b>Tue 2/22/11</b>	<b>0 hrs</b>									
720	<b>Order 1</b>	<b>0 hrs</b>	<b>Mon 1/18/10</b>	<b>100%</b>	<b>100%</b>	<b>Fri 4/23/10</b>	<b>0 hrs</b>									
721	Fiber Installation	0 hrs	Mon 1/18/10	100%	100%	Mon 1/18/10	0 hrs									
722	Receive invoice	0 hrs	Mon 3/1/10	100%	100%	Mon 3/1/10	0 hrs									
723	Generate work verification report	0 hrs	Wed 3/3/10	100%	100%	Wed 3/3/10	0 hrs									
724	Pay 15% of invoice	0 hrs	Wed 3/10/10	100%	100%	Wed 3/10/10	0 hrs									
725	Sign payment verification (USAC form)	0 hrs	Thu 3/11/10	100%	100%	Thu 3/11/10	0 hrs									
726	Submit USAC forms for 85% payment	0 hrs	Fri 3/12/10	100%	100%	Mon 4/12/10	0 hrs									
727	Verify payment received by vendor	0 hrs	Fri 4/23/10	100%	100%	Fri 4/23/10	0 hrs									
728	<b>Order 2</b>	<b>0 hrs</b>	<b>Mon 3/1/10</b>	<b>100%</b>	<b>100%</b>	<b>Fri 4/23/10</b>	<b>0 hrs</b>									
729	Fiber Installation	0 hrs	Mon 3/1/10	100%	100%	Mon 3/1/10	0 hrs									
730	Receive invoice	0 hrs	Fri 3/26/10	100%	100%	Fri 3/26/10	0 hrs									
731	Generate work verification report	0 hrs	Thu 4/8/10	100%	100%	Thu 4/8/10	0 hrs									
732	Pay 15% of invoice	0 hrs	Tue 4/13/10	100%	100%	Tue 4/13/10	0 hrs									
733	Sign payment verification (USAC form)	0 hrs	Tue 4/13/10	100%	100%	Tue 4/13/10	0 hrs									
734	Submit USAC forms for 85% payment	0 hrs	Wed 4/14/10	100%	100%	Wed 4/14/10	0 hrs									
735	Verify payment received by vendor	0 hrs	Fri 4/23/10	100%	100%	Fri 4/23/10	0 hrs									
736	<b>Order 3</b>	<b>0 hrs</b>	<b>Thu 4/1/10</b>	<b>100%</b>	<b>100%</b>	<b>Mon 5/24/10</b>	<b>0 hrs</b>									
737	Fiber Installation	0 hrs	Thu 4/1/10	100%	100%	Thu 4/1/10	0 hrs									
738	Receive invoice	0 hrs	Fri 4/30/10	100%	100%	Fri 4/30/10	0 hrs									
739	Generate work verification report	0 hrs	Mon 5/3/10	100%	100%	Mon 5/3/10	0 hrs									
740	Pay 15% of invoice	0 hrs	Fri 5/7/10	100%	100%	Fri 5/7/10	0 hrs									
741	Sign payment verification (USAC form)	0 hrs	Fri 5/7/10	100%	100%	Fri 5/7/10	0 hrs									
742	Submit USAC forms for 85% payment	0 hrs	Fri 5/7/10	100%	100%	Fri 5/7/10	0 hrs									
743	Verify payment received by vendor	0 hrs	Mon 5/24/10	100%	100%	Mon 5/24/10	0 hrs									
744	<b>Order 4</b>	<b>0 hrs</b>	<b>Mon 5/3/10</b>	<b>100%</b>	<b>100%</b>	<b>Mon 7/12/10</b>	<b>0 hrs</b>									
745	Fiber Installation	0 hrs	Mon 5/3/10	100%	100%	Mon 5/3/10	0 hrs									
746	Receive invoice	0 hrs	Mon 5/31/10	100%	100%	Mon 5/31/10	0 hrs									
747	Generate work verification report	0 hrs	Fri 6/18/10	100%	100%	Fri 6/18/10	0 hrs									
748	Pay 15% of invoice	0 hrs	Wed 6/23/10	100%	100%	Wed 6/23/10	0 hrs									
749	Sign payment verification (USAC form)	0 hrs	Tue 6/29/10	100%	100%	Tue 6/29/10	0 hrs									
750	Submit USAC forms for 85% payment	0 hrs	Tue 6/29/10	100%	100%	Tue 6/29/10	0 hrs									
751	Verify payment received by vendor	0 hrs	Mon 7/12/10	100%	100%	Mon 7/12/10	0 hrs									
752	<b>Order 5</b>	<b>0 hrs</b>	<b>Tue 6/1/10</b>	<b>100%</b>	<b>100%</b>	<b>Tue 8/10/10</b>	<b>0 hrs</b>									
753	Fiber Installation	0 hrs	Tue 6/1/10	100%	100%	Tue 6/1/10	0 hrs									
754	Receive invoice	0 hrs	Thu 7/1/10	100%	100%	Thu 7/1/10	0 hrs									
755	Generate work verification report	0 hrs	Sat 7/10/10	100%	100%	Sat 7/10/10	0 hrs									
756	Pay 15% of invoice	0 hrs	Mon 7/12/10	100%	100%	Mon 7/12/10	0 hrs									
757	Sign payment verification (USAC form)	0 hrs	Fri 7/16/10	100%	100%	Fri 7/16/10	0 hrs									
758	Submit USAC forms for 85% payment	0 hrs	Mon 7/19/10	100%	100%	Mon 7/19/10	0 hrs									
759	Verify payment received by vendor	0 hrs	Tue 8/10/10	100%	100%	Tue 8/10/10	0 hrs									
760	<b>Order 6</b>	<b>0 hrs</b>	<b>Thu 7/1/10</b>	<b>100%</b>	<b>100%</b>	<b>Fri 9/10/10</b>	<b>0 hrs</b>									

ID	Name	Work	Start	% Work Complete	% Complete	Actual Finish	Fiber Miles	Actual Work	OH Strand	OH Fiber	UG Conduit Placed	UG Fiber Placed	2009 H1	2010 H2	2011 H1	2012 H1
761	Fiber Installation	0 hrs	Thu 7/7/10	100%	100%	Thu 7/7/10	0 hrs									
762	Receive invoice	0 hrs	Mon 8/2/10	100%	100%	Mon 8/2/10	0 hrs									
763	Generate work verification report	0 hrs	Mon 8/2/10	100%	100%	Mon 8/2/10	0 hrs									
764	Pay 15% of invoice	0 hrs	Tue 8/17/10	100%	100%	Tue 8/17/10	0 hrs									
765	Sign payment verification (USAC form)	0 hrs	Tue 8/17/10	100%	100%	Tue 8/17/10	0 hrs									
766	Submit USAC forms for 85% payment	0 hrs	Tue 8/17/10	100%	100%	Tue 8/17/10	0 hrs									
767	Verify payment received by vendor	0 hrs	Fri 9/10/10	100%	100%	Fri 9/10/10	0 hrs									
768	<b>Order 7</b>	<b>0 hrs</b>	<b>Mon 8/2/10 100%</b>	<b>100%</b>	<b>Fri 10/8/10</b>	<b>0 hrs</b>										
769	Fiber Installation	0 hrs	Mon 8/2/10	100%	100%	Mon 8/2/10	0 hrs									
770	Receive invoice	0 hrs	Tue 8/31/10	100%	100%	Tue 8/31/10	0 hrs									
771	Generate work verification report	0 hrs	Mon 9/13/10	100%	100%	Mon 9/13/10	0 hrs									
772	Pay 15% of invoice	0 hrs	Wed 9/15/10	100%	100%	Wed 9/15/10	0 hrs									
773	Sign payment verification (USAC form)	0 hrs	Mon 9/20/10	100%	100%	Mon 9/20/10	0 hrs									
774	Submit USAC forms for 85% payment	0 hrs	Mon 9/20/10	100%	100%	Mon 9/20/10	0 hrs									
775	Verify payment received by vendor	0 hrs	Fri 10/8/10	100%	100%	Fri 10/8/10	0 hrs									
776	<b>Order 8</b>	<b>0 hrs</b>	<b>Wed 9/1/10 100%</b>	<b>100%</b>	<b>Mon 11/22/10</b>	<b>0 hrs</b>										
777	Fiber Installation	0 hrs	Wed 9/1/10	100%	100%	Wed 9/1/10	0 hrs									
778	Receive invoice	0 hrs	Thu 9/30/10	100%	100%	Thu 9/30/10	0 hrs									
779	Generate work verification report	0 hrs	Mon 10/25/10	100%	100%	Mon 10/25/10	0 hrs									
780	Pay 15% of invoice	0 hrs	Fri 10/29/10	100%	100%	Fri 10/29/10	0 hrs									
781	Sign payment verification (USAC form)	0 hrs	Wed 11/3/10	100%	100%	Wed 11/3/10	0 hrs									
782	Submit USAC forms for 85% payment	0 hrs	Thu 11/4/10	100%	100%	Thu 11/4/10	0 hrs									
783	Verify payment received by vendor	0 hrs	Mon 11/22/10	100%	100%	Mon 11/22/10	0 hrs									
784	<b>Order 9</b>	<b>0 hrs</b>	<b>Fri 10/1/10 100%</b>	<b>100%</b>	<b>Thu 12/23/10</b>	<b>0 hrs</b>										
785	Fiber Installation	0 hrs	Fri 10/1/10	100%	100%	Fri 10/1/10	0 hrs									
786	Receive invoice	0 hrs	Mon 11/1/10	100%	100%	Mon 11/1/10	0 hrs									
787	Generate work verification report	0 hrs	Fri 11/19/10	100%	100%	Fri 11/19/10	0 hrs									
788	Pay 15% of invoice	0 hrs	Mon 11/29/10	100%	100%	Mon 11/29/10	0 hrs									
789	Sign payment verification (USAC form)	0 hrs	Tue 12/7/10	100%	100%	Tue 12/7/10	0 hrs									
790	Submit USAC forms for 85% payment	0 hrs	Wed 12/8/10	100%	100%	Wed 12/8/10	0 hrs									
791	Verify payment received by vendor	0 hrs	Thu 12/23/10	100%	100%	Thu 12/23/10	0 hrs									
792	<b>Order 10</b>	<b>0 hrs</b>	<b>Mon 11/1/10 100%</b>	<b>100%</b>	<b>Mon 1/24/11</b>	<b>0 hrs</b>										
793	Fiber Installation	0 hrs	Mon 11/1/10	100%	100%	Mon 11/1/10	0 hrs									
794	Receive invoice	0 hrs	Fri 12/3/10	100%	100%	Fri 12/3/10	0 hrs									
795	Generate work verification report	0 hrs	Wed 12/15/10	100%	100%	Wed 12/15/10	0 hrs									
796	Pay 15% of invoice	0 hrs	Tue 12/21/10	100%	100%	Tue 12/21/10	0 hrs									
797	Sign payment verification (USAC form)	0 hrs	Tue 12/28/10	100%	100%	Tue 12/28/10	0 hrs									
798	Submit USAC forms for 85% payment	0 hrs	Mon 1/3/11	100%	100%	Mon 1/3/11	0 hrs									
799	Verify payment received by vendor	0 hrs	Mon 1/24/11	100%	100%	Mon 1/24/11	0 hrs									
800	<b>Order 11</b>	<b>0 hrs</b>	<b>Wed 12/1/10 100%</b>	<b>100%</b>	<b>Tue 2/22/11</b>	<b>0 hrs</b>										
801	Fiber Installation	0 hrs	Wed 12/1/10	100%	100%	Wed 12/1/10	0 hrs									
802	Receive invoice	0 hrs	Wed 12/29/10	100%	100%	Wed 12/29/10	0 hrs									
803	Generate work verification report	0 hrs	Thu 1/13/11	100%	100%	Thu 1/13/11	0 hrs									
804	Pay 15% of invoice	0 hrs	Tue 1/25/11	100%	100%	Tue 1/25/11	0 hrs									
805	Sign payment verification (USAC form)	0 hrs	Wed 2/2/11	100%	100%	Wed 2/2/11	0 hrs									
806	Submit USAC forms for 85% payment	0 hrs	Tue 2/8/11	100%	100%	Tue 2/8/11	0 hrs									
807	Verify payment received by vendor	0 hrs	Tue 2/22/11	100%	100%	Tue 2/22/11	0 hrs									
808	<b>Construction Management</b>	<b>0 hrs</b>	<b>Mon 2/1/10 100%</b>	<b>100%</b>	<b>Tue 3/8/11</b>	<b>0 hrs</b>										
809	<b>Order 1</b>	<b>0 hrs</b>	<b>Mon 2/1/10 100%</b>	<b>100%</b>	<b>Fri 4/23/10</b>	<b>0 hrs</b>										
810	Construction Management	0 hrs	Mon 2/1/10	100%	100%	Mon 2/1/10	0 hrs									
811	Receive invoice	0 hrs	Tue 3/2/10	100%	100%	Tue 3/2/10	0 hrs									
812	Generate work verification report	0 hrs	Mon 3/8/10	100%	100%	Mon 3/8/10	0 hrs									
813	Pay 15% of invoice	0 hrs	Thu 3/11/10	100%	100%	Thu 3/11/10	0 hrs									
814	Sign payment verification (USAC form)	0 hrs	Thu 3/11/10	100%	100%	Thu 3/11/10	0 hrs									
815	Submit USAC forms for 85% payment	0 hrs	Thu 4/15/10	100%	100%	Thu 4/15/10	0 hrs									
816	Verify payment received by vendor	0 hrs	Fri 4/23/10	100%	100%	Fri 4/23/10	0 hrs									
817	<b>Order 2</b>	<b>0 hrs</b>	<b>Mon 3/1/10 100%</b>	<b>100%</b>	<b>Fri 5/7/10</b>	<b>0 hrs</b>										
818	Construction Management	0 hrs	Mon 3/1/10	100%	100%	Mon 3/1/10	0 hrs									
819	Receive invoice	0 hrs	Thu 4/15/10	100%	100%	Thu 4/15/10	0 hrs									
820	Generate work verification report	0 hrs	Thu 4/15/10	100%	100%	Thu 4/15/10	0 hrs									
821	Pay 15% of invoice	0 hrs	Thu 4/15/10	100%	100%	Thu 4/15/10	0 hrs									
822	Sign payment verification (USAC form)	0 hrs	Thu 4/15/10	100%	100%	Thu 4/15/10	0 hrs									
823	Submit USAC forms for 85% payment	0 hrs	Thu 4/15/10	100%	100%	Thu 4/15/10	0 hrs									
824	Verify payment received by vendor	0 hrs	Fri 5/7/10	100%	100%	Fri 5/7/10	0 hrs									
825	<b>Order 3</b>	<b>0 hrs</b>	<b>Thu 4/1/10 100%</b>	<b>100%</b>	<b>Mon 5/24/10</b>	<b>0 hrs</b>										
826	Construction Management	0 hrs	Thu 4/1/10	100%	100%	Thu 4/1/10	0 hrs									
827	Receive invoice	0 hrs	Mon 5/3/10	100%	100%	Mon 5/3/10	0 hrs									
828	Generate work verification report	0 hrs	Fri 5/7/10	100%	100%	Fri 5/7/10	0 hrs									
829	Pay 15% of invoice	0 hrs	Fri 5/7/10	100%	100%	Fri 5/7/10	0 hrs									
830	Sign payment verification (USAC form)	0 hrs	Thu 5/13/10	100%	100%	Thu 5/13/10	0 hrs									
831	Submit USAC forms for 85% payment	0 hrs	Mon 5/10/10	100%	100%	Mon 5/10/10	0 hrs									
832	Verify payment received by vendor	0 hrs	Mon 5/24/10	100%	100%	Mon 5/24/10	0 hrs									
833	<b>Order 4</b>	<b>0 hrs</b>	<b>Mon 5/3/10 100%</b>	<b>100%</b>	<b>Thu 6/24/10</b>	<b>0 hrs</b>										
834	Construction Management	0 hrs	Mon 5/3/10	100%	100%	Mon 5/3/10	0 hrs									
835	Receive invoice	0 hrs	Fri 6/4/10	100%	100%	Fri 6/4/10	0 hrs									
836	Generate work verification report	0 hrs	Fri 6/4/10	100%	100%	Fri 6/4/10	0 hrs									
837	Pay 15% of invoice	0 hrs	Fri 6/11/10	100%	100%	Fri 6/11/10	0 hrs									
838	Sign payment verification (USAC form)	0 hrs	Fri 6/11/10	100%	100%	Fri 6/11/10	0 hrs									
839	Submit USAC forms for 85% payment	0 hrs	Fri 6/11/10	100%	100%	Fri 6/11/10	0 hrs									
840	Verify payment received by vendor	0 hrs	Thu 6/24/10	100%	100%	Thu 6/24/10	0 hrs									

ID	Name	Work	Start	% Work Complete	% Complete	Actual Finish	Fiber Miles	Actual Work	OH Strand	OH Fiber	UG Conduit Placed	UG Fiber Placed	2009 H1 H2	2010 H1 H2	2011 H1 H2	2012 H1 H2
841	<b>Order 5</b>	<b>0 hrs</b>	<b>Tue 6/1/10 100%</b>	<b>100%</b>	<b>Thu 7/22/10</b>	<b>0 hrs</b>										
842	Construction Management	0 hrs	Tue 6/1/10 100%	100%	Tue 6/1/10	0 hrs										
843	Receive invoice	0 hrs	Thu 7/1/10 100%	100%	Thu 7/1/10	0 hrs										
844	Generate work verification report	0 hrs	Sat 7/10/10 100%	100%	Sat 7/10/10	0 hrs										
845	Pay 15% of invoice	0 hrs	Sat 7/10/10 100%	100%	Sat 7/10/10	0 hrs										
846	Sign payment verification (USAC form)	0 hrs	Sat 7/10/10 100%	100%	Sat 7/10/10	0 hrs										
847	Submit USAC forms for 85% payment	0 hrs	Wed 7/14/10 100%	100%	Wed 7/14/10	0 hrs										
848	Verify payment received by vendor	0 hrs	Thu 7/22/10 100%	100%	Thu 7/22/10	0 hrs										
849	<b>Order 6</b>	<b>0 hrs</b>	<b>Thu 7/1/10 100%</b>	<b>100%</b>	<b>Tue 8/24/10</b>	<b>0 hrs</b>										
850	Construction Management	0 hrs	Thu 7/1/10 100%	100%	Thu 7/1/10	0 hrs										
851	Receive invoice	0 hrs	Mon 8/2/10 100%	100%	Mon 8/2/10	0 hrs										
852	Generate work verification report	0 hrs	Mon 8/2/10 100%	100%	Mon 8/2/10	0 hrs										
853	Pay 15% of invoice	0 hrs	Mon 8/2/10 100%	100%	Mon 8/2/10	0 hrs										
854	Sign payment verification (USAC form)	0 hrs	Mon 8/2/10 100%	100%	Mon 8/2/10	0 hrs										
855	Submit USAC forms for 85% payment	0 hrs	Wed 8/11/10 100%	100%	Wed 8/11/10	0 hrs										
856	Verify payment received by vendor	0 hrs	Tue 8/24/10 100%	100%	Tue 8/24/10	0 hrs										
857	<b>Order 7</b>	<b>0 hrs</b>	<b>Mon 8/2/10 100%</b>	<b>100%</b>	<b>Wed 9/22/10</b>	<b>0 hrs</b>										
858	Construction Management	0 hrs	Mon 8/2/10 100%	100%	Mon 8/2/10	0 hrs										
859	Receive invoice	0 hrs	Tue 8/31/10 100%	100%	Tue 8/31/10	0 hrs										
860	Generate work verification report	0 hrs	Thu 9/2/10 100%	100%	Thu 9/2/10	0 hrs										
861	Pay 15% of invoice	0 hrs	Fri 9/3/10 100%	100%	Fri 9/3/10	0 hrs										
862	Sign payment verification (USAC form)	0 hrs	Fri 9/10/10 100%	100%	Fri 9/10/10	0 hrs										
863	Submit USAC forms for 85% payment	0 hrs	Fri 9/10/10 100%	100%	Fri 9/10/10	0 hrs										
864	Verify payment received by vendor	0 hrs	Wed 9/22/10 100%	100%	Wed 9/22/10	0 hrs										
865	<b>Order 8</b>	<b>0 hrs</b>	<b>Wed 9/1/10 100%</b>	<b>100%</b>	<b>Tue 11/9/10</b>	<b>0 hrs</b>										
866	Construction Management	0 hrs	Wed 9/1/10 100%	100%	Wed 9/1/10	0 hrs										
867	Receive invoice	0 hrs	Wed 9/1/10 100%	100%	Wed 9/1/10	0 hrs										
868	Generate work verification report	0 hrs	Mon 10/25/10 100%	100%	Mon 10/25/10	0 hrs										
869	Pay 15% of invoice	0 hrs	Wed 9/8/10 100%	100%	Mon 10/25/10	0 hrs										
870	Sign payment verification (USAC form)	0 hrs	Mon 10/25/10 100%	100%	Mon 10/25/10	0 hrs										
871	Submit USAC forms for 85% payment	0 hrs	Tue 10/26/10 100%	100%	Tue 10/26/10	0 hrs										
872	Verify payment received by vendor	0 hrs	Tue 11/9/10 100%	100%	Tue 11/9/10	0 hrs										
873	<b>Order 9</b>	<b>0 hrs</b>	<b>Fri 10/1/10 100%</b>	<b>100%</b>	<b>Wed 12/8/10</b>	<b>0 hrs</b>										
874	Construction Management	0 hrs	Fri 10/1/10 100%	100%	Fri 10/1/10	0 hrs										
875	Receive invoice	0 hrs	Fri 11/19/10 100%	100%	Fri 11/19/10	0 hrs										
876	Generate work verification report	0 hrs	Fri 11/19/10 100%	100%	Fri 11/19/10	0 hrs										
877	Pay 15% of invoice	0 hrs	Fri 11/19/10 100%	100%	Fri 11/19/10	0 hrs										
878	Sign payment verification (USAC form)	0 hrs	Fri 11/19/10 100%	100%	Fri 11/19/10	0 hrs										
879	Submit USAC forms for 85% payment	0 hrs	Mon 11/22/10 100%	100%	Mon 11/22/10	0 hrs										
880	Verify payment received by vendor	0 hrs	Wed 12/8/10 100%	100%	Wed 12/8/10	0 hrs										
881	<b>Order 10</b>	<b>0 hrs</b>	<b>Mon 11/1/10 100%</b>	<b>100%</b>	<b>Thu 12/23/10</b>	<b>0 hrs</b>										
882	Construction Management	0 hrs	Mon 11/1/10 100%	100%	Mon 11/1/10	0 hrs										
883	Receive invoice	0 hrs	Tue 11/30/10 100%	100%	Tue 11/30/10	0 hrs										
884	Generate work verification report	0 hrs	Thu 12/2/10 100%	100%	Thu 12/2/10	0 hrs										
885	Pay 15% of invoice	0 hrs	Mon 12/6/10 100%	100%	Mon 12/6/10	0 hrs										
886	Sign payment verification (USAC form)	0 hrs	Mon 12/13/10 100%	100%	Mon 12/13/10	0 hrs										
887	Submit USAC forms for 85% payment	0 hrs	Wed 12/15/10 100%	100%	Wed 12/15/10	0 hrs										
888	Verify payment received by vendor	0 hrs	Thu 12/23/10 100%	100%	Thu 12/23/10	0 hrs										
889	<b>Order 11</b>	<b>0 hrs</b>	<b>Wed 12/1/10 100%</b>	<b>100%</b>	<b>Mon 1/24/11</b>	<b>0 hrs</b>										
890	Construction Management	0 hrs	Wed 12/1/10 100%	100%	Wed 12/1/10	0 hrs										
891	Receive invoice	0 hrs	Fri 12/31/10 100%	100%	Fri 12/31/10	0 hrs										
892	Generate work verification report	0 hrs	Thu 1/6/11 100%	100%	Thu 1/6/11	0 hrs										
893	Pay 15% of invoice	0 hrs	Thu 1/6/11 100%	100%	Thu 1/6/11	0 hrs										
894	Sign payment verification (USAC form)	0 hrs	Thu 1/6/11 100%	100%	Thu 1/6/11	0 hrs										
895	Submit USAC forms for 85% payment	0 hrs	Thu 1/6/11 100%	100%	Thu 1/6/11	0 hrs										
896	Verify payment received by vendor	0 hrs	Mon 1/24/11 100%	100%	Mon 1/24/11	0 hrs										
897	<b>Order 12</b>	<b>0 hrs</b>	<b>Sat 1/1/11 100%</b>	<b>100%</b>	<b>Tue 3/8/11</b>	<b>0 hrs</b>										
898	Construction Management	0 hrs	Sat 1/1/11 100%	100%	Sat 1/1/11	0 hrs										
899	Receive invoice	0 hrs	Mon 1/31/11 100%	100%	Mon 1/31/11	0 hrs										
900	Generate work verification report	0 hrs	Wed 2/16/11 100%	100%	Wed 2/16/11	0 hrs										
901	Pay 15% of invoice	0 hrs	Wed 2/16/11 100%	100%	Wed 2/16/11	0 hrs										
902	Sign payment verification (USAC form)	0 hrs	Wed 2/16/11 100%	100%	Wed 2/16/11	0 hrs										
903	Submit USAC forms for 85% payment	0 hrs	Thu 2/17/11 100%	100%	Thu 2/17/11	0 hrs										
904	Verify payment received by vendor	0 hrs	Tue 3/8/11 100%	100%	Tue 3/8/11	0 hrs										
905	<b>Make Ready and Permits</b>	<b>0 hrs</b>	<b>Thu 3/4/10 100%</b>	<b>100%</b>	<b>Fri 4/22/11</b>	<b>0 hrs</b>										
906	<b>Order 1</b>	<b>0 hrs</b>	<b>Fri 5/7/10 100%</b>	<b>100%</b>	<b>Fri 5/21/10</b>	<b>0 hrs</b>										
907	Make Ready	0 hrs	Fri 5/7/10 100%	100%	Fri 5/7/10	0 hrs										
908	Receive invoice	0 hrs	Fri 5/7/10 100%	100%	Fri 5/7/10	0 hrs										
909	Generate work verification report	0 hrs	Fri 5/7/10 100%	100%	Fri 5/7/10	0 hrs										
910	Pay 15% of invoice	0 hrs	Fri 5/7/10 100%	100%	Fri 5/7/10	0 hrs										
911	Sign payment verification (USAC form)	0 hrs	Fri 5/7/10 100%	100%	Fri 5/7/10	0 hrs										
912	Submit USAC forms for 85% payment	0 hrs	Mon 5/10/10 100%	100%	Mon 5/10/10	0 hrs										
913	Verify payment received by vendor	0 hrs	Fri 5/21/10 100%	100%	Fri 5/21/10	0 hrs										
914	<b>Order 2</b>	<b>0 hrs</b>	<b>Fri 6/4/10 100%</b>	<b>100%</b>	<b>Tue 7/6/10</b>	<b>0 hrs</b>										
915	Make Ready	0 hrs	Fri 6/4/10 100%	100%	Fri 6/4/10	0 hrs										
916	Receive invoice	0 hrs	Fri 6/4/10 100%	100%	Fri 6/4/10	0 hrs										
917	Generate work verification report	0 hrs	Fri 6/4/10 100%	100%	Fri 6/4/10	0 hrs										
918	Pay 15% of invoice	0 hrs	Fri 6/25/10 100%	100%	Fri 6/25/10	0 hrs										
919	Sign payment verification (USAC form)	0 hrs	Fri 6/4/10 100%	100%	Fri 6/4/10	0 hrs										
920	Submit USAC forms for 85% payment	0 hrs	Fri 6/4/10 100%	100%	Fri 6/4/10	0 hrs										

ID	Name	Work	Start	% Work Complete	% Complete	Actual Finish	Fiber Miles	Actual Work	OH Strand	OH Fiber	UG Conduit Placed	UG Fiber Placed	2009 H1 H2	2010 H1 H2	2011 H1 H2	2012 H1 H2
922	<b>Order 3</b>	<b>0 hrs</b>	<b>Fri 6/4/10 100%</b>	<b>100%</b>	<b>Mon 8/9/10</b>	<b>0 hrs</b>										
923	Make Ready	0 hrs	Fri 6/4/10 100%	100%	Fri 6/4/10	0 hrs										
924	Receive invoice	0 hrs	Fri 6/4/10 100%	100%	Fri 6/4/10	0 hrs										
925	Generate work verification report	0 hrs	Fri 6/4/10 100%	100%	Fri 6/4/10	0 hrs										
926	Pay 15% of invoice	0 hrs	Fri 6/25/10 100%	100%	Fri 6/25/10	0 hrs										
927	Sign payment verification (USAC form)	0 hrs	Sat 7/10/10 100%	100%	Sat 7/10/10	0 hrs										
928	Submit USAC forms for 85% payment	0 hrs	Mon 7/19/10 100%	100%	Mon 7/19/10	0 hrs										
929	Verify payment received by vendor	0 hrs	Mon 8/9/10 100%	100%	Mon 8/9/10	0 hrs										
930	<b>Order 4</b>	<b>0 hrs</b>	<b>Mon 8/2/10 100%</b>	<b>100%</b>	<b>Tue 8/24/10</b>	<b>0 hrs</b>										
931	Make Ready	0 hrs	Mon 8/2/10 100%	100%	Mon 8/2/10	0 hrs										
932	Receive invoice	0 hrs	Mon 8/2/10 100%	100%	Mon 8/2/10	0 hrs										
933	Generate work verification report	0 hrs	Mon 8/2/10 100%	100%	Mon 8/2/10	0 hrs										
934	Pay 15% of invoice	0 hrs	Mon 8/2/10 100%	100%	Mon 8/2/10	0 hrs										
935	Sign payment verification (USAC form)	0 hrs	Mon 8/2/10 100%	100%	Mon 8/2/10	0 hrs										
936	Submit USAC forms for 85% payment	0 hrs	Wed 8/11/10 100%	100%	Wed 8/11/10	0 hrs										
937	Verify payment received by vendor	0 hrs	Tue 8/24/10 100%	100%	Tue 8/24/10	0 hrs										
938	<b>Order 5</b>	<b>0 hrs</b>	<b>Thu 8/26/10 100%</b>	<b>100%</b>	<b>Thu 9/9/10</b>	<b>0 hrs</b>										
939	Make Ready	0 hrs	Thu 8/26/10 100%	100%	Thu 8/26/10	0 hrs										
940	Receive invoice	0 hrs	Thu 8/26/10 100%	100%	Thu 8/26/10	0 hrs										
941	Generate work verification report	0 hrs	Thu 8/26/10 100%	100%	Thu 8/26/10	0 hrs										
942	Pay 15% of invoice	0 hrs	Thu 8/26/10 100%	100%	Thu 8/26/10	0 hrs										
943	Sign payment verification (USAC form)	0 hrs	Thu 8/26/10 100%	100%	Thu 8/26/10	0 hrs										
944	Submit USAC forms for 85% payment	0 hrs	Thu 8/26/10 100%	100%	Thu 8/26/10	0 hrs										
945	Verify payment received by vendor	0 hrs	Thu 9/9/10 100%	100%	Thu 9/9/10	0 hrs										
946	<b>Order 6</b>	<b>0 hrs</b>	<b>Thu 9/2/10 100%</b>	<b>100%</b>	<b>Fri 10/8/10</b>	<b>0 hrs</b>										
947	Make Ready	0 hrs	Thu 9/2/10 100%	100%	Thu 9/2/10	0 hrs										
948	Receive invoice	0 hrs	Thu 9/2/10 100%	100%	Thu 9/2/10	0 hrs										
949	Generate work verification report	0 hrs	Thu 9/2/10 100%	100%	Thu 9/2/10	0 hrs										
950	Pay 15% of invoice	0 hrs	Thu 9/2/10 100%	100%	Thu 9/2/10	0 hrs										
951	Sign payment verification (USAC form)	0 hrs	Thu 9/2/10 100%	100%	Thu 9/2/10	0 hrs										
952	Submit USAC forms for 85% payment	0 hrs	Fri 9/10/10 100%	100%	Fri 9/10/10	0 hrs										
953	Verify payment received by vendor	0 hrs	Fri 10/8/10 100%	100%	Fri 10/8/10	0 hrs										
954	<b>Order 7</b>	<b>0 hrs</b>	<b>Tue 9/14/10 100%</b>	<b>100%</b>	<b>Mon 10/25/10</b>	<b>0 hrs</b>										
955	Make Ready	0 hrs	Tue 9/14/10 100%	100%	Tue 9/14/10	0 hrs										
956	Receive invoice	0 hrs	Tue 9/14/10 100%	100%	Tue 9/14/10	0 hrs										
957	Generate work verification report	0 hrs	Tue 9/14/10 100%	100%	Tue 9/14/10	0 hrs										
958	Pay 15% of invoice	0 hrs	Thu 9/16/10 100%	100%	Thu 9/16/10	0 hrs										
959	Sign payment verification (USAC form)	0 hrs	Mon 9/27/10 100%	100%	Mon 9/27/10	0 hrs										
960	Submit USAC forms for 85% payment	0 hrs	Fri 10/8/10 100%	100%	Fri 10/8/10	0 hrs										
961	Verify payment received by vendor	0 hrs	Mon 10/25/10 100%	100%	Mon 10/25/10	0 hrs										
962	<b>Order 8</b>	<b>0 hrs</b>	<b>Mon 10/25/10 100%</b>	<b>100%</b>	<b>Tue 11/23/10</b>	<b>0 hrs</b>										
963	Make Ready	0 hrs	Mon 10/25/10 100%	100%	Mon 10/25/10	0 hrs										
964	Receive invoice	0 hrs	Mon 10/25/10 100%	100%	Mon 10/25/10	0 hrs										
965	Generate work verification report	0 hrs	Mon 10/25/10 100%	100%	Mon 10/25/10	0 hrs										
966	Pay 15% of invoice	0 hrs	Mon 10/25/10 100%	100%	Mon 10/25/10	0 hrs										
967	Sign payment verification (USAC form)	0 hrs	Mon 10/25/10 100%	100%	Mon 10/25/10	0 hrs										
968	Submit USAC forms for 85% payment	0 hrs	Mon 11/1/10 100%	100%	Mon 11/1/10	0 hrs										
969	Verify payment received by vendor	0 hrs	Tue 11/23/10 100%	100%	Tue 11/23/10	0 hrs										
970	<b>Order 9</b>	<b>0 hrs</b>	<b>Fri 11/19/10 100%</b>	<b>100%</b>	<b>Thu 12/9/10</b>	<b>0 hrs</b>										
971	Make Ready	0 hrs	Fri 11/19/10 100%	100%	Fri 11/19/10	0 hrs										
972	Receive invoice	0 hrs	Fri 11/19/10 100%	100%	Fri 11/19/10	0 hrs										
973	Generate work verification report	0 hrs	Fri 11/19/10 100%	100%	Fri 11/19/10	0 hrs										
974	Pay 15% of invoice	0 hrs	Fri 11/19/10 100%	100%	Fri 11/19/10	0 hrs										
975	Sign payment verification (USAC form)	0 hrs	Fri 11/19/10 100%	100%	Fri 11/19/10	0 hrs										
976	Submit USAC forms for 85% payment	0 hrs	Mon 11/22/10 100%	100%	Mon 11/22/10	0 hrs										
977	Verify payment received by vendor	0 hrs	Thu 12/9/10 100%	100%	Thu 12/9/10	0 hrs										
978	<b>Order 10</b>	<b>0 hrs</b>	<b>Tue 12/14/10 100%</b>	<b>100%</b>	<b>Fri 1/7/11</b>	<b>0 hrs</b>										
979	Make Ready	0 hrs	Tue 12/14/10 100%	100%	Tue 12/14/10	0 hrs										
980	Receive invoice	0 hrs	Tue 12/14/10 100%	100%	Tue 12/14/10	0 hrs										
981	Generate work verification report	0 hrs	Tue 12/14/10 100%	100%	Tue 12/14/10	0 hrs										
982	Pay 15% of invoice	0 hrs	Fri 1/7/11 100%	100%	Fri 1/7/11	0 hrs										
983	Sign payment verification (USAC form)	0 hrs	Tue 12/14/10 100%	100%	Tue 12/14/10	0 hrs										
984	Submit USAC forms for 85% payment	0 hrs	Tue 12/14/10 100%	100%	Tue 12/14/10	0 hrs										
985	Verify payment received by vendor	0 hrs	Thu 12/23/10 100%	100%	Thu 12/23/10	0 hrs										
986	<b>Order 11</b>	<b>0 hrs</b>	<b>Thu 1/6/11 100%</b>	<b>100%</b>	<b>Mon 1/24/11</b>	<b>0 hrs</b>										
987	Make Ready	0 hrs	Thu 1/6/11 100%	100%	Thu 1/6/11	0 hrs										
988	Receive invoice	0 hrs	Thu 1/6/11 100%	100%	Thu 1/6/11	0 hrs										
989	Generate work verification report	0 hrs	Thu 1/6/11 100%	100%	Thu 1/6/11	0 hrs										
990	Pay 15% of invoice	0 hrs	Fri 1/7/11 100%	100%	Fri 1/7/11	0 hrs										
991	Sign payment verification (USAC form)	0 hrs	Thu 1/6/11 100%	100%	Thu 1/6/11	0 hrs										
992	Submit USAC forms for 85% payment	0 hrs	Thu 1/6/11 100%	100%	Thu 1/6/11	0 hrs										
993	Verify payment received by vendor	0 hrs	Mon 1/24/11 100%	100%	Mon 1/24/11	0 hrs										
994	<b>Order 12</b>	<b>0 hrs</b>	<b>Thu 3/4/10 100%</b>	<b>100%</b>	<b>Fri 4/22/11</b>	<b>0 hrs</b>										
995	Make Ready	0 hrs	Thu 3/4/10 100%	100%	Thu 3/4/10	0 hrs										
996	Receive invoice	0 hrs	Thu 3/4/10 100%	100%	Thu 3/4/10	0 hrs										
997	Generate work verification report	0 hrs	Thu 3/4/10 100%	100%	Thu 3/4/10	0 hrs										
998	Pay 15% of invoice	0 hrs	Mon 4/11/11 100%	100%	Mon 4/11/11	0 hrs										
999	Sign payment verification (USAC form)	0 hrs	Tue 3/15/11 100%	100%	Tue 3/15/11	0 hrs										
1000	Submit USAC forms for 85% payment	0 hrs	Tue 3/15/11 100%	100%	Tue 3/15/11	0 hrs										
1001	Verify payment received by vendor	0 hrs	Fri 4/22/11 100%	100%	Fri 4/22/11	0 hrs										

## 9.0 Network Sustainability Model

1. Analysis of the costs anticipated under the accepted bid proposals received in response to the HealthNet FCC RHCPP Network Infrastructure Procurement Request for Proposal, (FY 2008, RFP) affirms that the OneCommunity/NEO RHIO HealthNet Sustainability Plan described in the RHCPP application is reasonable and valid.
2. **OneCommunity/NEO RHIO will be the owner operator of HealthNet** and provide network services to the HealthNet members funded under the FCC RHCPP grant.
  - a. The HealthNet model is based on investing and capitalizing fiber/network assets on behalf of the community with the intended purpose of providing community subscribers access to high capacity fiber network services while lowering subscriber operational expenses. OneCommunity is a non-profit organization focused on using technology to address the community's top social priorities. As a result OneCommunity has attracted over \$50 million in new stakeholder and private investment for community based projects.
  - b. OneCommunity/NEO RHIO currently provides HealthNet network services to over 62 acute care hospitals and clinics. Subscribers of these services contribute capital and monthly recurring service fees under a 5 years' operating agreement with options extend services on a yearly basis thereafter.
  - c. RHC HealthNet Subscribers will pay 50% of the cost for a fully redundant 1 Gbps fiber connection. This is an 85% reduction in operating costs for similar services and provides sufficient earned income to cover on-going operational expenses associated with the rural deployment of HealthNet.
3. **OneCommunity/NEO RHIO will fund 15% matching dollars** necessary to complete the project and proposed budget specific to HealthNet and additional capacity build-out.
  - a. **HealthNet contributions, service fees of over \$1 Million**
  - b. **10 Year long term capital note of \$3.5 Million**
  - c. **Budgeted Earned Income/Expenses**

	5 Year Impact & Program Forecast Based on FCC RHCPP					
	Start-Up 2009	12 months 2010	12 months 2011	12 months 2012	12 months 2013	5 Year Total Total
<b>Earned Income Enabled by FCC RHCPP and Additional Capacity Build-Out</b>						
Funds from Financing						-
FCC RHCP Grant Re-Imbursement Revenue	6,107,139	5,179,842		-	-	11,286,982
Additional Capacity Fiber Build-Out	1,837,908	2,845,625				4,683,533
Access Services	100,530	1,607,055	3,292,402	4,825,805	6,207,263	16,033,055
Integration Non Recurring Charge	277,233	1,249,817	1,254,000	1,254,000	1,254,000	5,289,050
<b>Total Earned Income</b>	<b>8,322,811</b>	<b>10,882,339</b>	<b>4,546,402</b>	<b>6,079,805</b>	<b>7,461,263</b>	<b>37,292,619</b>
<b>Expenses</b>						
Staffing Additions	-	6,563	185,764	402,822	661,497	1,256,646
FCC Contract Services	1,616,470	5,647,478	-	-	-	7,263,948
FCC Capital	4,781,527	-	-	-	-	4,781,527
Additional Capacity Fiber Build-Out	1,216,958	1,849,656				3,066,614
Access Services	56,740	998,324	2,109,527	3,196,420	4,259,001	10,620,012
Capital - Integration Non Recurring Charge	144,250	662,508	664,600	664,600	664,600	2,800,558
<b>Total Expense</b>	<b>7,815,945</b>	<b>9,157,966</b>	<b>2,774,127</b>	<b>3,861,020</b>	<b>4,923,601</b>	<b>28,532,660</b>
<b>Earnings Before Interest and Taxes</b>	<b>506,865</b>	<b>1,724,373</b>	<b>1,772,275</b>	<b>2,218,785</b>	<b>2,537,662</b>	<b>8,759,960</b>
\$3,500,000 term interest and Pay		212,325	509,580	509,580	509,580	1,741,065
Interest on Capital Line	(4,662)	(36,793)	-	-	-	(41,454)
<b>Net Earned Income over Expenses</b>	<b>511,527</b>	<b>1,548,841</b>	<b>1,262,695</b>	<b>1,709,205</b>	<b>2,028,082</b>	<b>7,060,349</b>

**4. Earned Income/Overcapacity requests for rural access outside of the qualified HealthNet subscribers will require additional capital investments from OneCommunity and from the requesting subscribers for the development, implementation and operations to support the expansion and development of any additional capacity.**

- a. OneCommunity will invest additional funding to support fiber build-out as required to connect non-HealthNet subscribers.
- b. Earned Income; In addition to HealthNet subscribers other public interest groups from schools, libraries, non-profits, local, county and state government are requesting access to the fiber network and are proposing to contribute dollars for additional capital deployment and operational expenses which will provide additional earned income to cover our regional operating and maintenance of the fiber/wireless network.
  - i. Capital contribution in proportion to the subscribers use of the fiber network
  - ii. Earned Income at a non-discounted FCC RHCPP rate
- c. Local, county and state government organizations have engaged OneCommunity/NEO RHIO to investigate and lead efforts for additional ARRA funding to address the region's top social priorities facing our public interest in rural, unserved and underserved communities. OneCommunity/NEO RHIO will be seeking additional funding sources to cover the needs of our rural and unserved communities.



5. **OneCommunity has over 5 years of operational sustainability** and has created an operational business model that will ensure sustainability throughout the useful life (e.g., 20 years) of the regional fiber plant and has operated EBITA positive every year since it was created in 2003.
  - a. Existing operational fiber network supporting over 62 hospitals and clinics and over 350 fiber subscribers.
    - i. Minimum term of the contract is 60 months. Subscribers sign up for a 5 year operational support agreement with options to extend service on an annual basis thereafter.
    - ii. Fiber Construction/Capital investments for long-term services such as IRUs are entered in a minimum of 10 years with options for 5 year extensions thereafter.
  - b. Expanded FCC RHCPP fiber plant serving rural health care acute hospitals and clinics as an extension of the existing regional/urban fiber infrastructure requires a marginal annual operational investment of \$200K annually fully funded under the existing operational agreements for the rural hospital build-out.
6. The following are the sustainability plans for each proposed scenario:
  - a. **First Scenario:**

In the event that the FCC replaces the current RHC program with a program that mirrors the Pilot Project, the HealthNet partners will be able to maintain the network as designed and potentially accelerate further network development through a further reduction in operating expenses. HealthNet subscribers would directly benefit from additional investment and see a further reduction in expenses; easily enabling them to cover the 15% cost match for access to the HealthNet network. The network partners would continue to fund their portions of the costs out of operations.
  - b. **Second Scenario:**

In this scenario all universal service funding for rural health care organizations is phased out. The current RHC program has contributed to the deployment of a regional fiber plant with a long term life (e.g., greater than 20 years) to the benefit of its HealthNet partners. The network offers significantly greater capacity to HealthNet subscribers for substantially lower fees than they have in the past. HealthNet subscribers will have no trouble sustaining the current level of operating costs without the RHC subsidies. These costs have been manageable and are funded out of current operating budgets. Since the current RHC program does not fund excess capacity partner organizations will continue to fund any additional capital costs necessary for expanded connectivity through their respective capital plans.



The following table provides details of estimated costs for each of the two scenarios described in the Sustainability Plan above. Rural Health Care reimbursements are estimated based on the current Program, where possible.

In year 3 and beyond, NEO RHIO anticipates two possible scenarios related to sustainability. In the **first scenario**, the Pilot Project replaces the current Universal Service, Rural Health Care (RHC) program and funding continues at up to 85%. In the **second scenario**, the FCC phases out and eventually eliminates all funding.

Facility	City	State	Partner	Connectivity		Annual Cost		Notes
				Circuit (Mbps)	Gross MRC	Scenario 1	Scenario 2	
Samaritan Regional Health System	Ashland	Ohio	NEO RHIO	1,000	1,236	2,225	14,832	Scenario 1 Assumes RHC USF Funding of 85% Scenario 2 Assumes RHC USF Does Not provide any future funding
Ashtabula County Medical Center	Ashtabula	Ohio	NEO RHIO	1,000	1,236	2,225	14,832	
Glenbeigh of Rock Creek	Ashtabula	Ohio	NEO RHIO	1,000	1,236	2,225	14,832	
Jefferson Health Center	Jefferson	Ohio	NEO RHIO	1,000	1,236	2,225	14,832	
Conneaut Medical Center	Conneaut	Ohio	NEO RHIO	1,000	1,236	2,225	14,832	
Geneva Medical Center	Geneva	Ohio	NEO RHIO	1,000	1,236	2,225	14,832	
Firelands Regional Medical Center	Sandusky	Ohio	NEO RHIO	1,000	1,236	2,225	14,832	
Fisher Titus Medical Center	Norwalk	Ohio	NEO RHIO	1,000	1,236	2,225	14,832	
H.B. Magruder Memorial Hospital	Clinton	Ohio	NEO RHIO	1,000	1,236	2,225	14,832	
Bellevue	Bellevue	Ohio	NEO RHIO	1,000	1,236	2,225	14,832	
Memorial	Fremont	Ohio	NEO RHIO	1,000	1,236	2,225	14,832	
Twin City	Dennison	Ohio	NEO RHIO	1,000	1,236	2,225	14,832	
Union Hospital	Dover	Ohio	NEO RHIO	1,000	1,236	2,225	14,832	
Wooster Community	Wooster	Ohio	NEO RHIO	1,000	1,236	2,225	14,832	
Coshocton County Memorial Hospital	Coshocton	Ohio	NEO RHIO	1,000	1,236	2,225	14,832	
East Liverpool City Hospital	East Liverpool	Ohio	NEO RHIO	1,000	1,236	2,225	14,832	

#### Excess Bandwidth and Excess Capacity Scenarios

##### Scenario 1: *Participant Owns 100% of Dedicated Network; No-Excess Bandwidth or Excess Capacity for Use by Other Network Members or Non-Network Members*

The participant contracts with vendor to construct dedicated network capacity for current eligible HCP members<sup>1</sup>, with the participant getting ownership of the fiber or an IRU. The participant owns 100% of the fiber, or an IRU. The participant pays not less than 15% of the eligible costs for the IRU, and universal service funds pay for not more than 85% of such eligible costs.

An IRU is for the specified bandwidth/number of fibers only, and excess capacity is not likely to be an issue. Any capacity paid for by universal service funds belong to the participant.

In the case of an IRU, the participant does not control how much additional capacity the vendor builds on its own, because the price paid by the participant for the IRU is set by competitive bidding.<sup>(2)</sup> However, in reviewing bids, a participant should receive sufficient information to determine whether it is paying construction costs. See Scenario 7. If the price is based on construction costs and the participant is paying more than a fair share of construction costs, an IRU would not be appropriate, and the participant should obtain ownership (possibly joint ownership) of what is being constructed.

The participant must certify selection of the most cost-effective bid and USAC will verify that cost was a primary factor in selection.

## 20 Year HealthNet Program Forecast

FCC RHCPP Revenue												
Start-Up	12 months	12 months	12 months	12 months	12 months	12 months	12 months	12 months	12 months	12 months	12 months	12 months
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2019	2020
1,565,143	1,565,143											
Investment												
Internet Access	90,000	117,000	152,100	197,730	257,049	282,754	311,029	342,132	376,345	413,980		
Internet 2/National Lambda Rail Connection	102,000	107,100	112,455	123,982	130,181	143,199	157,519	173,271	190,598	209,657		
1 Gbps access (Redundant Ring Architecture)	279,000	651,000	971,850	1,339,200	1,581,000	1,739,100	1,913,010	2,104,311	2,314,742	2,546,216		
PSTN / SIP trunking	420,000	546,000	709,800	922,740	1,199,562	1,319,518	1,451,470	1,596,617	1,756,279	1,931,907		
Integration Non Recurring Charge	196,000	294,000	308,700	324,135	340,342	374,376	411,814	452,995	498,294	548,124		
Total Revenue	1,667,143	2,657,243	1,720,455	2,260,528	2,907,787	3,508,133	3,858,947	4,244,841	4,669,326	5,136,258	5,649,884	
Staffing/Engineering & Construction												
Internet Access	29,700	38,610	50,193	65,251	84,826	93,309	102,640	112,904	124,194	136,613		
Internet 2/National Lambda Rail Connection	102,000	96,900	98,838	100,815	104,888	106,985	109,125	111,308	113,534	115,804		
1 Gbps access (Redundant Ring Architecture)	209,250	423,150	631,703	870,480	1,027,650	1,130,415	1,243,457	1,367,802	1,504,582	1,655,041		
PSTN / SIP trunking	300,000	436,800	567,840	738,192	959,650	1,055,615	1,161,176	1,277,294	1,405,023	1,545,525		
Depreciation Costs	763,528	849,956	885,589	893,929	909,850	950,410	978,841	822,018	773,189	780,795		
Total Expense	1,667,143	2,964,521	1,847,354	2,236,139	2,670,683	3,086,863	3,336,734	3,595,238	3,691,325	3,920,522	4,233,779	
Net Revenue over (Expenses)	-	(307,278)	(126,899)	24,388	237,104	421,270	522,213	649,603	978,000	1,215,736	1,416,105	

## 20 Year HealthNet Program Forecast

FCC RHCPP Revenue												
	12 months 2021	12 months 2022	12 months 2023	12 months 2024	12 months 2025	12 months 2026	12 months 2027	12 months 2028	12 months 2029	12 months 2030		
Investment												
Internet Access	455,378	500,916	551,007	606,108	666,719	733,391	806,730	887,403	976,143	1,073,757		
Internet 2/National Lambda Rail Connection	230,623	253,685	279,054	306,959	337,655	371,421	408,563	449,419	494,361	543,797		
1 Gbps access (Redundant Ring Architecture)	2,800,838	3,080,922	3,389,014	3,727,915	4,100,707	4,510,778	4,961,855	5,458,041	6,003,845	6,604,229		
PSTN / SIP trunking	2,125,097	2,337,607	2,571,368	2,828,504	3,111,355	3,422,490	3,764,739	4,141,213	4,555,335	5,010,868		
Integration Non Recurring Charge	602,936	663,230	729,553	802,508	882,759	971,035	1,068,138	1,174,952	1,292,447	1,421,692		
Total Revenue	6,214,872	6,836,360	7,519,996	8,271,995	9,099,195	10,009,114	11,010,026	12,111,028	13,322,131	14,654,344		
Staffing/Engineering & Construction												
Internet Access	150,275	165,302	181,832	200,016	220,017	242,019	266,221	292,843	322,127	354,340		
Internet 2/National Lambda Rail Connection	118,121	120,483	122,893	125,350	127,857	130,415	133,023	135,683	138,397	141,165		
1 Gbps access (Redundant Ring Architecture)	1,820,545	2,002,599	2,202,859	2,423,145	2,665,459	2,932,005	3,225,206	3,547,727	3,902,499	4,292,749		
PSTN / SIP trunking	1,700,078	1,870,086	2,057,094	2,262,804	2,489,084	2,737,992	3,011,792	3,312,971	3,644,268	4,008,695		
Depreciation Costs	824,171	867,722	895,554	945,776	1,003,531	574,011	574,011	574,011	574,011	574,011		
Total Expense	4,613,188	5,026,192	5,460,233	5,957,091	6,505,949	6,616,442	7,210,252	7,863,234	8,581,302	9,370,959		
Net Revenue over (Expenses)	1,601,684	1,810,168	2,059,763	2,314,904	2,593,246	3,392,672	3,799,774	4,247,794	4,740,829	5,283,385		

## **10.0 Detail on How the Supported Network Has Advanced Telemedicine Benefits**

The goal of HealthNet is to extend the current network and install additional gigabyte optical fiber connections to hospitals in the rural areas of Northeastern Ohio. In order to provide the levels of broadband that are required for Health Information Exchange (HIE) and telemedicine applications, the kinds of services that are routinely available in rural areas are not sufficient. Typically, rural areas may have access to T1 circuits (1 .5 Mbps), but generally these services are extremely expensive and there are typically no services faster than T1 available at an affordable and sustainable price.

In order to satisfactorily transmit and receive medical imaging, and to improve the quality of medical care that can be provided, speeds in a different order of magnitude are required. HealthNet will provide 100 Mbps of bandwidth, upstream and downstream, to all locations connected via wireless, and will provide 1 gigabit of bandwidth, upstream and downstream, to all locations connected via fiber. In our proposed network design, over 80% of the locations included in our proposal will have the benefit of at least 1 gigabit.

Transport capability provides for advanced services that augment the distribution and aggregation of medical records. Services such as voice over IP and full duplex video provide a positive impact to the sustainability model and reduces operational costs for healthcare customers.

Shared services across a common high-speed network infrastructure can eliminate redundant operational costs. In addition, shared services builds on standardization which reduces cost through increased efficiency.

## **11.0 Compliance with HHS Health IT Initiatives**

OneCommunity/NEO RHIO are uniquely positioned to help local and regional health care facilities along with a state OHIP-led, REC achieve its EHR adoption, meaningful use, and HIE objectives throughout the entire Northern portion of Ohio, especially (but not limited to) rural areas. OneCommunity's reach - which mirrors the areas touched by its federally-funded and State-supported broadband initiatives - extends into 58 of Ohio's 88 counties, touches 80% of the State's population, and provides unparalleled access to several thousand priority providers representing 100's of hospitals, clinics and 1000's of priority practices.

More than 60 hospitals and clinics are served by one of OneCommunity's broadband projects (two thirds of them are rural). For instance, broadband infrastructure is already being deployed (construction beginning November 2009) to dozens of rural facilities in Northeastern Ohio under the \$11M, FCC-funded HealthNet project. An additional \$163M (funding decision pending) will be used to extend similar infrastructure and services throughout the aforementioned Northern Ohio counties, with \$30M set aside for public interest sites (including health care facilities).

The importance of these facilities - and OneCommunity's existing relationship with them - to the success of the REC cannot be overstated. Rural hospitals represent the ideal channel for engaging and supporting priority providers who admit patients to those hospitals. Most - if not all - of these hospitals have been developing or are already struggling to execute strategies to deliver (and even partially fund) EHRs to affiliated practices. Many are finding that they don't have the human or financial resources to fully support this, even without considering the additional resources required to help their community affiliates achieve meaningful use. Working collaboratively (and perhaps even sharing resources) with OneCommunity and the REC, these hospitals will help to ensure the sustainability and success not only of their individual community strategy, but



of the REC itself. In short, OneCommunity's relationships with these "last mile" hospitals will help to ensure access to all priority providers and streamline the REC's operational efficiency.

In order to help fulfill the REC's meaningful use mission in Northern Ohio, OneCommunity has already formed a collaborative including several other regionally-based organizations, including Ohio KePRO, Better Health Greater Cleveland, and NEO RHIO. KePRO - the Medicare QIO for Ohio, based in Cleveland - has been doing foundational meaningful use work throughout Ohio for the past several years. They are prepared to ramp up staffing and thus provide the so-called "boots on the ground" needed to provide actual technical assistance services to the practices recruited through OneCommunity's hospital relationships. Better Health Greater Cleveland (BHGC) - the regional Aligning Forces for Quality organization funded by the Robert Wood Johnson Foundation initially in 2007 - is perhaps the nation's (and certainly Ohio's) leading expert on how to improve clinical performance with and extract quality data from EHRs. Through OneCommunity and the REC, BHGC will be able to effectively and efficiently "distribute" this know-how beyond Cuyahoga County to the far corners of the region. NEO RHIO - directly supported by OneCommunity in its early stages - will help OneCommunity and recruited practices address health information exchange (HIE) and interoperability aspects of meaningful use, as well as to synchronize and integrate with State HIE infrastructure and policy.

OneCommunity has also already engaged numerous other regionally-relevant organizations, each of whom will support one or more aspects of the REC's mission, including adoption, education, informatics workforce development / job placement, and public health. For the moment, these organizations primarily represent Northeastern Ohio (and mostly the Cleveland / Akron-Canton corridor) but OneCommunity is prepared to rapidly engage similar organizations throughout Northern Ohio. Those organizations that have already declared their intent to support regional REC-related activities through OneCommunity include professional societies (the Academy of Medicine of Cleveland and Northern Ohio), hospital associations (the Center for Health Affairs and the Akron Regional Hospital Association), hospitals (University Hospitals Health System, Mercy Hospital System, Summa), FQHCs (Neighborhood Family Practice of Cleveland), institutions of higher learning (Case Western Reserve University, Cuyahoga Community College), health plans (Medical Mutual of Ohio), health departments (Cleveland Department of Public Health and the Cuyahoga County Board of Health), business coalitions (Health Action Council), and workforce agencies (the Cuyahoga County Workforce Development Board).

Lastly, for the past two years, OneCommunity has been leading the Community Clinical Data Sharing Network (CCDSN) project, funded by United Way. Under this project, OneCommunity has been helping a half-dozen FQHCs and free clinics select, acquire and implement EHRs in a way that will ensure community interoperability. OneCommunity will leverage this experience to extend similar services to priority practices - especially those serving rural and other underserved populations - throughout the region. In addition to the local/regional efforts OneCommunity and NEO RHIO are working with local and other state Telehealth partners to create a statewide approach for Telehealth services.

## 12.0 Network Coordination with the Department of Health and Human Services (HHS)

HealthNet has become the interconnected framework for inter hospital and health information throughout the region and is supporting health information exchange locally and as appropriate through Internet2 and National Lambda Rail nationally. Numerous R&D and data pilots have developing supporting local and national HER/HIE services.

OneCommunity/NEO RHIO are working with numerous counties, the regional Health Action Council, public health officials and others for the development of a number of medical home initiatives for the development of emergency communications for emergency and public health response.

OneCommunity/NEO RHIO are also working with statewide Health Services and the Governors creation of the Ohio Health Information Partnership to provide an integrated regional/statewide solution for HER/HIE and public health management.

### Statewide Strategy

The Ohio Health Information Partnership (OHIP) has received approval through the Office of the National Coordinator (ONC) to submit its full application to serve as the statewide regional extension center (REC) for Ohio. The application identifies three principal objectives for OHIP's approach in pursuing a statewide extension center. These objectives are:

1. To integrate and synchronize adoption activities with the statewide health information exchange (HIE);
2. To coordinate a statewide strategy that ensures statewide adoption, especially in rural areas; and
3. To ensure a consistent level of quality for health information technology (HIT) support services offered statewide in support of both electronic health record (EHR) adoption and subsequent use.

OHIP has identified that many of the resources needed to achieve widespread adoption of EHRs and the achievement of meaningful use by health care providers already exist within the state. These resources, however, are not currently coordinated in an effort that best supports the broader health care community. It is the intention of OHIP to create regional partnerships with existing entities to create a coordinated effort that will provide Ohio's health care community with the resources necessary to adopt EHRs and achieve meaningful use. These regional partners may include, but are not limited to, hospitals systems, physician groups, quality improvement organizations, universities and community colleges, professional associations, consultants and operational HIEs. OneCommunity/NEO RHIO have indorsed and committed to providing regional support for the State OHIP initiative.

### HIE and EHR synchronization

One step in creating an effective, coordinated effort is identifying that there is a natural correlation between EHRs and an HIE. Providers are driven to adopt EHRs not only to obtain efficiencies in their office, but to increase the quality, safety and efficiency of patient care through the seamless ability to exchange health information with other providers of care. The value of an HIE to a provider is directly related to the number of HIE participants and the timeliness and type of data exchanged pertaining to their patients. For many health care providers, especially small practices and primary care providers, the cost and effort associated with purchasing, implementing and utilizing an EHR is only justified if an HIE is available. As more participants use EHRs to link their patient's health information to an HIE, the value of the HIE increases. For this reason, OHIP/OneCommunity will develop these two roles in tandem.

## Statewide Adoption of EHRs

Ohio has several large urban communities that are home to some of the most technologically advanced health care providers in the country. In contrast, approximately 20% of Ohio's population lives in a rural area that may lack the necessary resources and infrastructure to support the adoption of EHRs. Therefore, it is critical to have a strategy that supports the statewide adoption of EHRs. Without this focus, small group and rural providers who need the most help with adoption run the risk of being neglected.

To ensure comprehensive, statewide adoption, we will develop a transparent and competitive process to identify and select its regional partners. A designated regional partner may be a collaboration of entities that work together to serve their region. An example of this concept is a hospital system, physician's group, local HIE and community college that work together to create a single regional entity. This is just an example of entities that may collaborate but is not an exhaustive list of possibilities. These partners must currently provide educational or technical EHR support and commit to work with both urban and rural areas to ensure statewide coverage and meet the goals OHIP has established. Due to the breadth of knowledge and experience required from these regional partners, a collaboration of entities will have the capacity to meet those goals. OHIP plans to divide the state into regions and request that these potential partners provide plans to serve their respective regions.

## Consistent Quality

To ensure consistent quality, the REC application has outlined three levels of achievement: REC program outcomes, provider-specific milestones and meaningful use criteria. At the program level, the Health Information Technology Regional Center (HITRC) has established the required outcomes that each regional partner must accomplish such as increasing the number of priority primary care providers that are actively using EHRs. On the provider level, the HITRC has articulated the three milestones that every provider must meet such as adopting EHRs, going live with their EHR and meeting the meaningful use requirements of an EHR. Finally, the Department of Health and Human Services (HHS) has developed meaningful use criteria that will be required to meet the third milestone established by HITRC.

To assist providers in meeting these milestones, OHIP will establish core requirements and materials for its regional partners to ensure that every provider, regardless of geographic location, receives the consistent quality necessary to achieve meaningful use EHR services. While OHIP plans to establish core requirements and materials consistent with HITRC guidance, they do not plan to specify how regional partners must achieve their objectives. The goal is to ensure that each region is receiving the same quality while allowing regional partners to develop flexible delivery models to meet their specific geographic needs. Focusing on milestones and not process is important when taking into account the cultural, market, and political differences within health care delivery depending on each region in the state. For example, the way in which these services are delivered in the Cleveland metropolitan area will be different from the way in which those services are delivered in an Appalachian region and both may differ from how those services are delivered in the Cincinnati metropolitan area. OHIP's strategy would allow different approaches in different regions while still achieving the same outcomes.

## Service Delivery Overview

Under OHIP's proposed regional partnership model, some services will be provided directly by OHIP while other services will be provided through regional partners or delivered through a coordinated effort of both OHIP and the regional partner. The following section outlines whether OHIP, the regional partner or both will provide the service to the provider.

- Education and Outreach Services  
Responsible Party: Joint

OHIP will be responsible for developing core course materials and online resources to be used by our regional partners consistent with information provided through the HITRC.



Regional partners will be responsible for disseminating materials to providers in their regions, providing individual and group training sessions, providing supplemental materials related to the specific needs of their region and making individual provider visits when necessary.

- National Learning Consortium  
Responsible Party: OHIP

OHIP will be responsible for representing Ohio in HITRC events. They will also convey Ohio's needs and position in federally led efforts. OHIP will collect and disseminate information to regional partners via the education and outreach services as well as through regular communication methods.

- Vendor Selection & Group Purchasing  
Responsible Party: OHIP

OHIP will work with its board members, regional partners and others to structure group-purchasing opportunities. The goal is to identify discounted EHR opportunities through bulk purchasing or existing HIE networks. These opportunities do not represent preferred nor required vendors, but are simply an identification of discounted systems offerings.

- Implementation and Project Management  
Responsible Party: Regional partners

Regional partners will be responsible for supplying direct technical assistance and project management services to individual providers working to achieve meaningful use through the implementation of an EHR. Services should include individualized and on-site coaching, consultation, troubleshooting, organizational readiness, IT infrastructure assessments and remediation, software configuration, system optimization and training for all staff.

- Practice and Workflow Redesign  
Responsible Party: Regional partners

Regional partners will be responsible for providing direct, hands-on assistance to the providers who would like to achieve EHR meaningful use. These services include redesigning and documenting related clinical and administrative processes and assisting in tailoring functions and policies for clinicians and support staff so that clinical and administrative efficiency can be achieved.

Additionally, regional partners will need to ensure that each practice is meeting HHS's defined criteria for meaningful use by payment year, such as:

- Implementing electronic administrative transactions,
  - Utilizing electronic prescribing,
  - Participating in electronic laboratory ordering and receipt of results,
  - Sharing key clinical data across practice settings,
  - Providing patient access to their health information,
  - Public health reporting, and
  - The adoption of policies and practices that protect the privacy and security of personal health information.
- Functional Interoperability and HIE  
Responsible Party: Joint

Through its role in managing the statewide HIE, OHIP will identify detailed technical and participation requirements for connecting to the statewide HIE. Additionally, OHIP will work with any exchange functioning within Ohio to help maintain consistent standards for providers needing to access the statewide exchange through any HIE.

The regional partners will assist individual providers through the technical process of connecting to a local HIE or directly to the statewide HIE.

- Privacy and Security Best Practices  
Responsible Party: OHIP

OHIP will publish best practices and share national standards relating to security and privacy. Regional partners will be responsible for ensuring that individual providers are aware of and implement these practices and standards.

- Local Workforce Support  
Responsible Party: Joint

OHIP will help coordinate and establish training for workforce support services at a statewide level in conjunction with the higher education system and other statewide training providers. These services will be available through our regional partners.

Regional partners will be responsible for utilizing the statewide services established by OHIP. Additionally, regional partners should work with local organizations to supplement and customize the statewide services.